## imall

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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

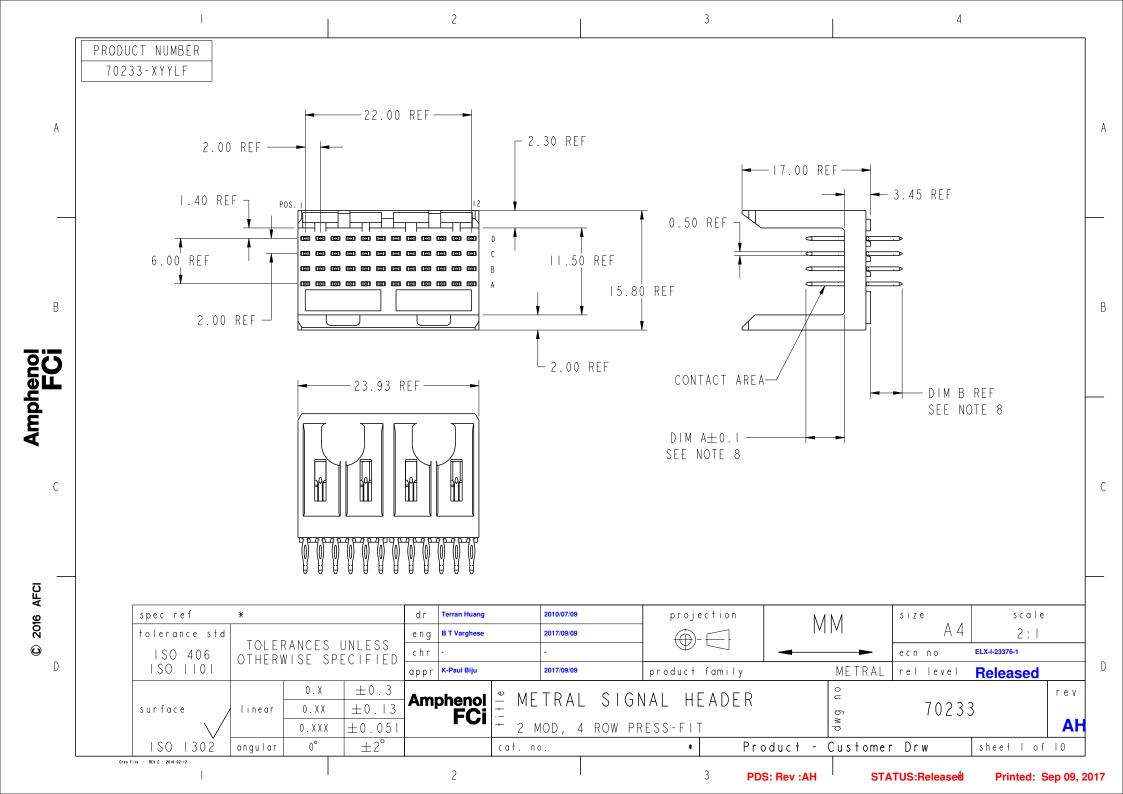
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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A	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	A
Amphenol FCi	2.00       3       6.50       4.30         3       6.50       4.30         4       7.25       4.30         5       5.00       13.60         6       5       50         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         0       0       0         10       5       13.60         11       6.50       17.00         12       17.25       17.00         13       8.25       17.00         13       8.25       17.00         13       8.25       17.00         19       8.00       13.60         21       8.00       13.60         21 <t< th=""><th>В </th></t<>	В 
<b>©</b> 2016 AFCI	spec ref       *       dr       Teran Huang       zoto07/09       projection       MM       size       scale         tolerance std       TOLERANCES UNLESS       eng       BTVxrghese       zotr00/09       0       0       0       A4       2:1         ISO 406       OTHERWISE SPECIFIED       chr       -       -       0       ecn no       ELX+233764         ISO 1101       OTAX ±0.13       appr K-Paul Biju       zotr0009       product family       METRAL rel level       Released         surface       linear       0.XX ±0.13       MPPEC       *       METRAL SIGNAL HEADER       2       70233       AH         ISO 1302       angular 0°       ±2°       cat. no.       -       Product - Customer Drw       sheet 2 of 10	D 017

METRAL		(	CON	T A C MOD		OD	E			MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
	D	Ι	Т	I	Т	Т	Т	Т	Ι	Т	I	I	I
70233-XI0LF	C	2	2	2	2	2	2	2	2	2	2	2	2
TOLUS ATOLI	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		(	CON	T A C MOD		OD	E			MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	Т	1	Т	Т	Т	Т	Т	Т	Т	I	Т	Т
70233-XIILF	С	T	I	I	T	T	Т	T	T	Ι	Ι	I	I
INCOV ATTEL	В	T	1	I	T	I	Ι	I	I	Ι	1	I	I
	A	Ι	Ι	I	T	T	Ι	I	Ι	Ι	Ι	I	I
METRAL		(	CON	T A C MOD			E			MOD	. 2	2	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	11	12
	D	Ι	1	1	T	T	Т	1	Ι	Ι	1	1	I
70233-XI2LF	C	T	I	I	Ι	T	Т	T	Ι	Ι	I	I	T
10233-X12LF	В	Ι	1	I	Ι	T	Т	Ι	Ι	Ι	I	I	T
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		(	CON	T A C MOD			E		I	MOD	. 2	2	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	П	12
	D	3	3	3	3	3	3	3	3	3	3	3	3
70233-XI3LF	С	2	2	2	2	2	2	2	2	2	2	2	2
IVEJJ NIJEL	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		(	CON	T A C MOD		OD	E			MOD	. í	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	4	4	4	4	4	4	4	4	4	4	4	4
70233-XI4LF	С	3	3	3	3	3	3	3	3	3	3	3	3
10200 XI41	В	3	3	3	3	3	3	3	3	3	3	3	3
	A	4	4	4	4	4	4	4	4	4	4	4	4

METRAL		(	ON	TAC		COD	E		]	MOD	. 2	2	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
	D	3	3	3	3	3	3	3	3	3	3	3	3
70000 81515	С	3	3	3	3	3	3	3	3	3	3	3	3
70233-XI5LF	В	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		(	ON	T A C MOD		COD	E		I	MOD	. 2	2	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70000 81015	С	2	2	2	2	2	2	2	2	2	2	2	2
70233-XI6LF	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2
METRAL		(	ON	T A C MOD		COD	E			MOD	. 2	2	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	П	17
	D	3	3	3	3	3	3	3	3	3	3	3	3
70233-XI7LF	С	2	2	2	2	2	2	2	2	2	2	2	2
10233-X11LF	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	Ι	Ι	T	Ι	Т	T	Ι	Ι	Ι	Ι	Т	I
METRAL		(	ON	T A C MOD		COD	E			MOD	. 2	2	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	П	Ľ
	D	3	3	3	3	3	3	3	3	3	3	3	3
70233-XI8LF	С	I	T	I	T	Ι	I	Ι	T	T	Ι	Ι	Ι
IULJJ XIOLF	В	Ι	Т	T	Т	Т	T	T	Т	Ι	Ι	Т	I
	A	I	T	T	Ι	Ι	T	T	Т	T	T	T	I
METRAL		(	ON	T A C MOD		COD	Ε		I	MOD	. 2	2	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	1;
	D	4	4	4	4	4	4	4	4	4	4	4	4
70233-XI9LF	С	4	4	4	4	4	4	4	4	4	4	4	4
10233-11361	В	4	4	4	4	4	4	4	4	4	4	4	4
	A	4	4	4	4	4	4	4	4	4	4	4	4

2010/07/09

2017/09/09

2017/09/09

METRAL				T A C MOD		OD	E			MOD	. 2	2		
P/N	ROW	I	2	3	4	5	6	7	8	9	10	11	12	
	D	5	5	5	5	5	5	5	5	5	5	5	5	
70233-X20LF	С	6	6	6	6	6	6	6	6	6	6	6	6	
10233 82021	В	6	6	6	6	6	6	6	6	6	6	6	6	
	Α	7	7	7	7	7	7	7	7	7	7	7	7	
METRAL		(		T A C MOD		OD	E			MOD	. 2	)		
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	
	D	5	5	5	5	5	5	5	5	5	5	5	5	
70000 80115	С	5	5	5	5	5	5	5	5	5	5	5	5	
70233-X2ILF	В	5	5	5	5	5	5	5	5	5	5	5	5	
	A	5	5	5	5	5	5	5	5	5	5	5	5	
METRAL		(		T A C MOD		OD	E		1	MOD	. 2	2		
P/N	ROW	I	2	3	4	5	6	7	8	9	10	11	12	
	D	5	5	5	5	5	5	5	5	5	5	5	5	
74000 8001 5	С	5	5	5	5	5	5	5	5	5	5	5	5	
70233-X22LF	В	5	5	5	5	5	5	5	5	5	5	5	5	
	A	7	7	7	7	7	7	7	7	7	7	7	7	
METRAL				T A C MOD		OD	E			MOD	. í	2		
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	
	D	7	7	7	7	7	7	7	7	7	7	7	7	
74000 1000 -	С	6	6	6	6	6	6	6	6	6	6	6	6	
70233-X23LF	В	6	6	6	6	6	6	6	6	6	6	6	6	
	A	7	7	7	7	7	7	7	7	7	7	7	7	
METRAL				T A C MOD		OD	E			MOD	. 2	2		
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	
	D	8	8	8	8	8	8	8	8	8	8	8	8	
70000 804-5	С	7	7	7	7	7	7	7	7	7	7	7	7	
70233-X24LF	В	7	7	7	7	7	7	7	7	7	7	7	7	
		8	8	8	8	8	8	8	8	8	8	8	8	

size

ecn no

STATUS:Released

rel level

Α4

70233

МΜ

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dwg

Product - Customer Drw

PDS: Rev :AH

METRAL

4

А

В

С

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chr

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±0.|3

±0.051

 $\pm 2^{\circ}$ 

appr K-Paul Biju

Amphenol FCi

2

**Terran Huang** 

B T Varghese

+ : + | e

cat. no.

2

3

projection

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METRAL SIGNAL HEADER

2 MOD, 4 ROW PRESS-FIT

product family

3

Printed: Sep 09, 2017

sheet 3 of 10

rev

AH

scale

1:1

ELX-I-23376-1

Released

C 2016 AFCI

D

spec ref

surface

Creo File · REV E · 2016-02-12

tolerance std

|SO 406 |SO ||0|

ISO 1302

\*

linear

angular

TOLERANCES UNLESS OTHERWISE SPECIFIED

0.X

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0.XXX

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А

В

Amphenol FCi

С

METRAL		C		T A C MOD			-		1	MOD	. 2	2	
P/N	ROW	I	2	3	4	5	6	7	8	9	10		12
	D	11	11	П	11	П	11	П	11	11	11	11	11
70233-X35LF	С	П	11	П		Ξ	П	П	П	П	П	П	П
10233 83321	В	П	П	П	11	П	П	П	П	П	П	П	11
	A	П	П	П	П	П	П	П	П	11	П	П	П
METRAL		C		T A C MOD						MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X36LF	С	10	10	10	10	10	10	10	10	10	10	10	10
10200 10021	В	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10
METRAL		C		T A C MOD			-			MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10		12
	D	П	11	11	11	11	П	П	11	11	П		
70233-X37LF	С	10	10	10	10	10	10	10	10	10	10	10	10
	В	10	10	10	10	10	10	10	10	10	10	10	10
	A	9	9	9	9	9	9	9	9	9	9	9	9
METRAL		C		T A C MOD		ODI	-			MOD	. 2		
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	П	П	П	11	П	П	П	П	П	П	П	11
70233-X38LF	С	9	9	9	9	9	9	9	9	9	9	9	9
	В	9	9	9	9	9	9	9	9	9	9	9	9
	A	9	9	9	9	9	9	9	9	9	9	9	9
METRAL P/N		C		T A C MOD						MOD	. 2	2	
r / N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	12	12	12	12	12	12	12	12	12	12	12	12
70233-X39LF	С	12	12				12	12	12	12	12	12	12
	В	12	12	12	12	12	12	12	-	12	12	12	12
	A	12	12	12	12	12	12	12	12	12	12	12	12

А

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METRAL		C	ON	T A C MOD		OD	E			MOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	9	9	9	9	9	9	9	9	9	9	9	9
70233-X30LF	С	10	10	10	10	10	10	10	10	10	10	10	10
10233-X30LF	В	10	10	10	10	10	10	10	10	10	10	10	10
	A	П	П	П	П	П	П	П	П	П	П	П	11
METRAL		C	ON:	T A C MO D			E			MOD	. 2		
P / N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	9	9	9	9	9	9	9	9	9	9	9	9
70233-X3ILF	С	9	9	9	9	9	9	9	9	9	9	9	9
TUZUS ASTLI	В	9	9	9	9	9	9	9	9	9	9	9	9
	A	9	9	9	9	9	9	9	9	9	9	9	9
METRAL		C	ON:	T A C MO D		OD	E			MOD	. 2		
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
	D	9	9	9	9	9	9	9	9	9	9	9	9
70233-X32LF	С	9	9	9	9	9	9	9	9	9	9	9	9
TOLSS ASEL	В	9	9	9	9	9	9	9	9	9	9	9	9
	A	П	П	П	П	П	П	П	П	П	П	П	Н
METRAL		C	ON:	T A C MO D		OD	E			MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	П	П	П	П	П	П	П	П	П	П	П	11
70233-X33LF	С	10	10	10	10	10	10	10	10	10	10	10	10
	В	10	10	10	10	10	10	10	10	10	10	10	10
	A	П	П	11		11	П	П	П	11	П	П	$[ \ ]$
METRAL		C	ON:	T A C MO D		OD	E		I	MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	12	12	12	12	12	12	12	12	12	12	12	12
70233-X34LF	С	П	П	П	П	П	П	П	П	П	П	П	11
I I ULUU AUHLI	В	П	П	П	11	П	П	П	П	П	П	П	11
	A	12	12	12	12	12	12	12	12	12	12	12	12

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		(	ON	TAC	ΤC	OD	E			MOD	. 2	, ,	
METRAL P/N	ROW		2	MOD 3	. 1	5	6	7	8	9	10	-	12
	D	. 7	7	7	7	7	7	7	7	7	7	7	7
	c	7	7	7	7	7	7	7	7	7	7	7	7
70233-X25LF	В	7	7	7	7	7	7	7	7	7	7	7	7
	A	7	7	7	7	7	7	7	7	7	7	7	7
METRAL				T A C MOD		OD	E			MOD	. 2	2	
P/N	ROW	T	2	3	4	5	6	7	8	9	10	11	12
	D	6	6	6	6	6	6	6	6	6	6	6	6
70000 80015	С	6	6	6	6	6	6	6	6	6	6	6	6
70233-X26LF	В	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6
METRAL		(		T A C MO D		OD	E			MOD	. 2	2	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	11	12
	D	7	7	7	7	7	7	7	7	7	7	7	7
70233-X27LF	С	6	6	6	6	6	6	6	6	6	6	6	6
IVESS REFER	В	6	6	6	6	6	6	6	6	6	6	6	6
	A	5	5	5	5	5	5	5	5	5	5	5	5
METRAL		(		T A C MOD		OD	E			MOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	7	7	7	7	7	7	7	7	7	7	7	7
70233-X28LF	С	5	5	5	5	5	5	5	5	5	5	5	5
	В	5	5	5	5	5	5	5	5	5	5	5	5
	A	5	5	5	5	5	5	5	5	5	5	5	5
METRAL		(	ON	T A C MOD	T ( . I	OD	E			MOD	. 2	2	
P / N	ROW	I	2	3	4	5	6	7	8	9	10	11	12
	D	8	8	8	8	8	8	8	8	8	8	8	8
70233-X291 F	С	8	8	8	8	8	8	8	8	8	8	8	8
70233-X29LF	В	8	8	8	8	8	8	8	8	8	8	8	8
	A	8	8	8	8	8	8	8	8	8	8	8	8

spec ref	*			dr	Terran Huang	2010/07/09	projec	tion N/	1 N /	size	scale	
tolerance std				eng	B T Varghese	2017/09/09	÷		IМ	A 4	1:1	
ISO 406	I O L E M	RANCES /ISE SP	UNLESS ECIFIED	chr	-	-				ecn no	ELX-I-23376-1	
ISO IIOI	OTHERN	INCL OF		appr	K-Paul Biju	2017/09/09	product f	amily	METRAL	rel level	Released	
		0.X	±0.3	A.m.	nhonol	♥ METDAI	SIGNAL HE		o u			rev
surface	linear	0.XX	±0. 3	Am	phenol FCi		SIGNAL HEA	AUEN	Di Di	70233	3	
$\checkmark$		0.XXX	±0.051			+ 2 MOD, 4 F	ROW PRESS-FIT		a ⊳			A
ISO I302	angular	0°	±2°			cat. no.	-	Product –	Customer	Drw	sheet 4 of	10
e - REV E - 2016-02-12					2		2	PDS: Rev :AH		TUS:Released	Printed: S	

В

А

Amphenol FCi

С

C 2016 AFCI

D

	METRAL		(	ON:	T A C MOD			Ε		١	NOD	. 2	2	
	P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
		D	6	6	6	6	6	6	6	6	6	6	6	6
	70233-X50LF	С	6	6	6	6	6	6	6	6	6	6	6	6
	10233-X30LF	В	8	8	8	8	8	8	8	8	8	8	8	8
		A	6	6	6	6	6	6	6	6	6	6	6	6
	METRAL		(	CON	T A C MOD			E		١	NOD	. 2	2	
	P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
		D	6	6	6	6	6	6	6	6	6	6	6	6
	70222 45115	С	6	6	6	6	6	6	6	6	6	6	6	6
	70233-X5ILF	В	6	6	6	6	6	6	6	6	6	6	6	6
		A	8	8	8	8	8	8	8	8	8	8	8	8
	METRAL		(	ON:	T A C MOD			E		١	NOD	. 2	2	
	P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
		D	5	5	5	5	5	5	5	5	5	5	5	5
	70233-X52LF	С	5	5	5	5	5	5	5	5	5	5	5	5
	10233-X32LF	В	5	5	5	5	5	5	5	5	5	5	5	5
		A	6	6	6	6	6	6	6	6	6	6	6	6
	METRAL		(	ON	T A C MOD			E		1	NOD	. 2	2	
	P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
		D	4	4	4	4	4	4	4	4	4	4	4	4
	70233-X53LF	С	7	7	7	7	7	7	7	7	7	7	7	7
	10233-X33LF	В	7	7	7	7	7	7	7	7	7	7	7	7
		A	7	7	7	7	7	7	7	7	7	7	7	7
	METRAL		(	CON	T A C MOD			E		I	NOD	. 2	2	
	P/N	ROW	1	2	3	. 1	5	6	7	8	9	10	11	12
		D	6	6	6	6	6	6	6	6	6	6	6	6
	70233-X54LF	С	7	7	7	7	7	7	7	7	7	7	7	7
	10233-X34LF	В	8	8	8	8	8	8	8	8	8	8	8	8
		A	7	7	7	7	7	7	7	7	7	7	7	7
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Printed: Sep 09, 2017

sheet 5 of 10

METRAL		C		T A C MO D	T ( .	OD	E		١	NOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	Ι	Ι	Ι	T	T	Ι	T	Ι	Ι	Ι	Ι	I
70233-X451 F	C	2	2	2	2	2	2	2	2	2	2	2	2
10233-X43LF	В	3	3	3	3	3	3	3	3	3	3	3	3
	A	4	4	4	4	4	4	4	4	4	4	4	4
METRAL		C		T A C MOD	T (		Ε		١	NOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	11	12
	D	19	19	19	19	19	19	19	19	19	19	19	19
70233-X46LF	С	3	3	3	3	3	3	3	3	3	3	3	3
10233-X40LF	В	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		C		T A C MOD	T (		E		١	NOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
	D	4	4	4	4	4	4	4	4	4	4	4	4
70233-X47LF	С	4	4	4	4	4	4	4	4	4	4	4	4
10233-84765	В	13	13	13	3	3	3	3	13	13	13	13	13
	A	13	13	3	3	3	3	3	13	13	13	13	3
METRAL		C		T A C MO D	T (		Ε		١	NOD	. 2		
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	19	19	19	19	19	19	19	19	19	19	19	19
70233-X48LF	С	19	19	19	19	19	19	19	19	19	19	19	19
TOESS AFOLI	В	19	19	19	19	19	19	19	19	19	19	19	19
	A	19	19	19	19	19	19	19	19	19	19	19	19
METRAL		C		T A C MO D	T ( . I	OD	E		1	NOD	. 2		
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	4	4	4	4	4	4	4	4	4	4	4	4
70233-X49LF	С	3	3	3	3	3	3	3	3	3	3	3	3
10233-84921	В	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3

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METRAL P/N				IOD			_		1	NOD	. 2	2	
E 7 N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70233-X40LF	С	2	2	2	2	2	2	2	2	2	2	2	2
10200 / 4021	В	4	4	4	4	4	4	4	4	4	4	4	4
	A	2	2	2	2	2	2	2	2	2	2	2	2
METRAL		C	ON	FAC 40D			E		١	NOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70233-X4ILF	С	2	2	2	2	2	2	2	2	2	2	2	2
10233 A41LI	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	4	4	4	4	4	4	4	4	4	4	4	4
METRAL		C	ON	F A C 40 D			E		١	NOD	. 2	2	
P / N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	Ι	Ι	Т	Т	Т	Т	Т	Т	Т	Ι	Ι	Т
70233-X42LF	С	Ι	Ι	Ι	Т	Ι	Ι	Ι	Ι	Ι	Ι	Ι	Т
10233 14221	В	Ι	Ι	Ι	Т	Ι	Т	Ι	Ι	Ι	Ι	Ι	Т
	A	2	2	2	2	2	2	2	2	2	2	2	2
METRAL		C	ON:	F A C 40 D		ODI	E		١	NOD	. 2	2	
P / N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	13	13	13	3	13	13	13	13	13	13	13	13
70233-X43LF	C	3	3	3	3	3	3	3	3	3	3	3	3
10233 84321	В	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		C	ON	F A C 40 D			E		١	NOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70000 84415	С	3	3	3	3	3	3	3	3	3	3	3	3
70233-X44LF	В	4	4	4	4	4	4	4	4	4	4	4	4
	A	3	3	3	3	3	3	3	3	3	3	3	3

projecti spec ref 2010/07/09 \* dr Terran Huang tolerance std eng 2017/09/09 B T Varghese TOLERANCES UNLESS OTHERWISE SPECIFIED |SO 406 |SO ||0| chr appr K-Paul Biju 2017/09/09 product family 0.X  $\pm 0.3$ + : + | e METRAL SIGNAL HEADER Amphenol FCi  $\pm 0.13$ surface linear 0.XX ±0.051 2 MOD, 4 ROW PRESS-FIT 0.XXX angular 0° ISO I302 cat. no.

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METRAL rel level Released 0 U dwg  $\pm 2^{\circ}$ Product - Customer Drw 2 3 PDS: Rev :AH STATUS:Released

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Creo File · REV E · 2016-02-12

В

А

Amphenol FCi

С

C 2016 AFCI

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METRAL P/N			ON:		.		:		1	MOD	. 2		
F / N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
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70233-X65LF	С	10	10	10	10	10	10	10	10	10	10	10	10
	В	П	П	П		11	П	П	П	11	Ш	П	П
	A	12	12	12	12	12	12	12	12	12	12	12	12
METRAL		C	ON:	T A C MO D			E		I	MOD	. 2		
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	21	21	21	21	21	21	21	21	21	21	21	21
70233-X66LF	С	П	П	П	П	П	П	П	П	П	П	П	П
10233 X00L1	В	П	П	П	П	П	П	П	П	ш	П	П	П
	A	П	11	11	11	11	11	П	П	11	11	11	
METRAL		C	ON:	T A C MOD		OD	Ε		١	MOD	. 2	)	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
	D	12	12	12	12	12	12	12	12	12	12	12	12
70233-X67LF	С	12	12	12	12	12	12	12	12	12	12	12	12
10233-X01LF	В	15	15	15	15	15	15	15	15	15	15	15	15
	A	15	15	15	15	15	15	15	15	15	15	15	15
METRAL		C	ON:	T A C MO D			Ε		1	MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	21	21	21	21	21	21	21	21	21	21	21	21
70233-X68LF	С	21	21	21	21	21	21	21	21	21	21	21	21
IVESS AVOLI	В	21	21	21	21	21	21	21	21	21	21	21	21
	A	21	21	21	21	21	21	21	21	21	21	21	21
METRAL		C	ON:	T A C MO D		OD	E		1	MOD	. 2	2	
P / N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	12	12	12	12	12	12	12	12	12	12	12	12
70233-X69LF	С	11				11	П	П	11	11	11		
10722-V02FL	В	11	П	П	П	П	П	П	П	11	11	П	П

А

В

С

METRAL		C		T A C MO D			E			MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X60LF	C	10	10	10	10	10	10	10	10	10	10	10	10
10233 X00L1	В	12	12	12	12	12	12	12	12	12	12	12	12
	A	10	10	10	10	10	10	10	10	10	10	10	10
METRAL		C		T A C MO D			E			MOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	10	10	10	10	10	10	10	10	10	10	10	1
70233-X6ILF	С	10	10	10	10	10	10	10	10	10	10	10	1
TOLOG KUTET	В	10	10	10	10	10	10	10	10	10	10	10	1 (
	A	12	12	12	12	12	12	12	12	12	12	12	Ľ
METRAL		C		T A C MO D		OD	E			MOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	L;
	D	9	9	9	9	9	9	9	9	9	9	9	9
70233-X62LF	С	9	9	9	9	9	9	9	9	9	9	9	9
TOESS NOLLI	В	9	9	9	9	9	9	9	9	9	9	9	9
	A	10	10	10	10	10	10	10	10	10	10	10	10
METRAL		C		T A C MO D			E			MOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	15	15	15	15	15	15	15	15	15	15	15	15
70233-X63LF	С	П	П	П	П	П	П	П	П	П	П	П	П
TOESS NOSET	В	П	11	П	П	П	П	П	П	П	11	11	П
	A	П	11	П	П		П	П	П	П	П	П	
METRAL		C		T A C MO D		OD	E			MOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	1i
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X64LF	С	П	П	П	П	П	П	П	П	П	П	П	I
10200 AV4E1	В	12	12	12	12	12	12	12	12	12	12	12	12
	A	П	11	П	П	11	11	11	П	11	11	11	П

METRAL P/NSolution of the term of term o										-				
METRAL P/N         MEW         I         2         3         4         5         6         7         8         9         10         1         12           70233-X551F         G         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5 <td></td>														
ROW         I         2         3         4         5         6         7         8         9         10         1         12           70233-X551F         A         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5			C				CODI	E			MOD	. 2	2	
TO233-X55FF         C         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         6         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         8         9         10         11         12           METRAL         P/N         T         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7	P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
TO233-X55LF         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O <tho< th="">         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         O         <tho< td=""><td></td><td>D</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tho<></tho<>		D	5	5	5	5	5	5	5	5	5	5	5	5
Image: Here independence independe	70000 VEELE	С	6	6	6	6	6	6	6	6	6	6	6	6
ME TRAL P/N         ROW         I         Z         3         4         5         6         7         8         9         10         11         12           70233-X56LF         D         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20	10233-AJJEF	В	7	7	7	7	7	7	7	7	7	7	7	7
METRAL P/N         ROW         I         2         3         4         5         6         7         8         9         10         11         12           70233-X56LF         D         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20		A	8	8	8	8	8	8	8	8	8	8	8	8
ROW     I     2     3     4     5     6     7     8     9     10     11     12       70233-X56LF     C     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7     7 <td></td> <td></td> <td>C</td> <td></td> <td></td> <td></td> <td>COD</td> <td>E</td> <td></td> <td></td> <td>MOD</td> <td>. 2</td> <td>2</td> <td></td>			C				COD	E			MOD	. 2	2	
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TO233-X56LF     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O     O		D	20	20	20	20	20	20	20	20	20	20	20	20
Image: Here and the series of the series	70222-85615	C	7	7	7	7	7	7	7	7	7	7	7	7
ME TRAL P/N         CONTACT COUC NOD. I         MOD. I         MOD. I         II         III         III <thii< th=""> <thii< th=""></thii<></thii<>	10233-X30LF	В	7	7	7	7	7	7	7	7	7	7	7	7
METRAL P/N         METRAL ROW         I         2         3         4         5         6         7         8         9         10         1         12           70233-X57LF         A         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8 <t< td=""><td></td><td>A</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></t<>		A	7	7	7	7	7	7	7	7	7	7	7	7
ROW     I     2     3     4     5     6     7     8     9     10     1     12       70233-X57LF     A     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S     S <td></td> <td></td> <td>C</td> <td></td> <td></td> <td></td> <td>COD</td> <td>Ε</td> <td></td> <td></td> <td>MOD</td> <td>. 2</td> <td>2</td> <td></td>			C				COD	Ε			MOD	. 2	2	
NO     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N     N       M     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I </td <td>P/N</td> <td>ROW</td> <td>Ι</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> <td>9</td> <td>10</td> <td>П</td> <td>12</td>	P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
TO233-X57LF     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I     I		D	8	8	8	8	8	8	8	8	8	8	8	8
Image: Here intermediate in	70233-X571 F	C	8	8	8	8	8	8	8	8	8	8	8	8
ME TRAL P/N         CONTACT CODE MOD. 1         MOD. 2	TOLUG AUTEI	В	14	4	4	4	4	4	4	14	14	14	4	4
METRAL P/N         OW         I         2         3         4         5         6         7         8         9         10         11         12           70233-X581F         D         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         <		A	4	4	4	4	4	4	4	4	4	4	4	4
ROW         I         2         3         4         5         6         7         8         9         10         11         12           70233-X581F         D         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20 </td <td></td> <td></td> <td>C</td> <td></td> <td></td> <td></td> <td>COD</td> <td>Ε</td> <td></td> <td></td> <td>MOD</td> <td>. 2</td> <td>2</td> <td></td>			C				COD	Ε			MOD	. 2	2	
TO233-X58LF       C       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20	P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		D	20	20	20	20	20	20	20	20	20	20	20	20
B       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20       20 <th2< td=""><td>70233-V58LE</td><td>C</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td></th2<>	70233-V58LE	C	20	20	20	20	20	20	20	20	20	20	20	20
METRAL P/N         CONTACT CODE MOD.         MOD.         I           ROW         I         2         3         4         5         6         7         8         9         10         1         12           MOD.         I         2         3         4         5         6         7         8         9         10         11         12           TO233-X59LF         D         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7 <td< td=""><td>10233 X30L1</td><td>В</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td></td<>	10233 X30L1	В	20	20	20	20	20	20	20	20	20	20	20	20
METRAL P/N         D         MOD.         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I         I <thi< th="">         I         I         <t< td=""><td></td><td>A</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td><td>20</td></t<></thi<>		A	20	20	20	20	20	20	20	20	20	20	20	20
ROW         I         2         3         4         5         6         7         8         9         10         11         12           0         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         8         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7 <td></td> <td></td> <td>C</td> <td></td> <td></td> <td></td> <td></td> <td>E</td> <td></td> <td></td> <td>MOD</td> <td>. 2</td> <td>2</td> <td></td>			C					E			MOD	. 2	2	
TO233-X59LF         C         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7         7 <th< td=""><td>P/N</td><td>ROW</td><td>Τ</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>П</td><td>12</td></th<>	P/N	ROW	Τ	2	3	4	5	6	7	8	9	10	П	12
TO233-X59LF         B         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T <tht< th="">         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         T         <tht< th=""> <tht< th=""> <tht< th=""> <tht< t<="" td=""><td></td><td>D</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tht<></tht<></tht<></tht<></tht<>		D	8	8	8	8	8	8	8	8	8	8	8	8
B 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	70233-75015	С	7	7	7	7	7	7	7	7	7	7	7	7
A 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10233-NJ9LF	В	7	7	7	7	7	7	7	7	7	7	7	7
		A	7	7	7	7	7	7	7	7	7	7	7	7

TOLERA			A 0 0										
TULERA			eng	B T Varghese	2017/09/09			$\square$	М	V	A 4	1:1	
THFRW	ANCES U ISE SPE	JNLESS ECIFIED	chr	-	-			$\Box$	4		ecn no	ELX-I-23376-1	
			appr	K-Paul Biju	2017/09/09		product	family		METRAL	rel level	Released	
	0.X	±0.3	A	honol	♥ METDAI	SIGN		ADED		ou			rev
inear	0.XX	±0.13	AUI	ECi			NAL NE	AUEN		ð	70233	3	
	0.XXX	±0.051			+ 2 MOD, 4	ROW PR	RESS-FIT			dw			A
ngular	0°	±2°			cat. no.		-	Pro	oduct –	Customer	Drw	sheet 6 of	10
		near 0.XX 0.XXX	0.X         ±0.3           near         0.XX         ±0.13           0.XXX         ±0.051	0.X         ±0.3         Amp           near         0.XX         ±0.13         Amp           0.XXX         ±0.051         Amp	near         0.XX         ±0.13         Amphenol           0.XXX         ±0.051         FCi	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.x         ±0.3         Amphenol         →         METRAL         SIGN           0.xx         ±0.13         0.xxx         ±0.051         FCi         →         2 MOD, 4 ROW PF	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	near 0.x ±0.3 0.xx ±0.13 0.xxx ±0.051 METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	near 0.X ±0.3 0.XX ±0.13 0.XXX ±0.051 Amphenol ← METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT	0.x     ±0.3     Amphenol     #     METRAL SIGNAL HEADER     #       0.xxx     ±0.13     •     •     •     •     •     •     70233       0.xxx     ±0.051     •     •     •     •     •     •     •	near 0.X ±0.3 0.XX ±0.13 0.XXX ±0.051 Amphenol + METRAL SIGNAL HEADER 2 MOD, 4 ROW PRESS-FIT ₹ 70233

В

Amphenol FCi

С

C 2016 AFCI

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A

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METRAL		C	ON.	T A C MOD			E		1	MOD	. 2		
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
	D	4	4	4	4	4	4	4	4	4	4	4	4
70233-X70LF	С	2	2	2	2	2	2	2	2	2	2	2	2
10233-X1011	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2
METRAL		C	ON N	T A C MO D		ODI	E		١	MOD	. 2		
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	3	3	3	3	3	3	3	3	3	3	3	3
70233-X71LF	С	3	3	3	3	3	3	3	3	3	3	3	3
TOLOG ATTEL	В	Т	Ι	Т	Т	Ι	Ι	Ι	Т	Т	Ι	Т	Т
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		C	ON:	T A C MO D			E		1	MOD	. 2		
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70233-X72LF	С	4	4	4	4	4	4	4	4	4	4	4	4
IVESS ATEL	В	4	4	4	4	4	4	4	4	4	4	4	4
	A	19	19	19	19	19	19	19	19	19	19	19	19
METRAL		C	ON"	T A C MO D			E		١	MOD	. 2		
P / N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70233-X73LF	C	3	3	3	3	3	3	3	3	3	3	3	3
10200 11021	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		C	ON .	T A C MO D			E		1	MOD	. 2		
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70233-X74LF	С	3	3	3	3	3	3	3	3	3	3	3	3
10233-X14LF	В	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3

			_										
WETDAL		(	ON				E			MOD	. 2		
METRAL P/N	ROW		2	40D 3	.	5	6	7	8	9	10	11	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70000 87515	С	2	2	2	2	2	2	2	2	2	2	2	2
70233-X75LF	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL		(	ON:	TAC		OD	E			MOD	. 2	2	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
	D	19	19	19	19	19	19	19	19	19	19	19	19
70233-X76LF	С	Ι	Ι	Ι	Τ	Τ	Ι	T	T	Ι	Ι	T	Ι
TOLOG ATOLI	В	I	I	T	T	T	Ι	Ι	T	T	Ι	T	T
	A	19	19	19	19	19	19	19	19	19	19	19	19
METRAL			ON:	T A C MO D		OD	Ε		I	MOD	. 2		
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	2	2	2	2	2	2	2	2	2	2	2	2
70233-X77LF	С	3	3	3	3	3	3	3	3	3	3	3	3
	В	19	19	19	19	19	19	19	19	19	19	19	19
	A	3	3	3	3	3	3	3	3	3	3	3	3
METRAL			ON:	T A C MO D		OD	Ε		I	MOD	. 2	2	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	П	12
	D	I	T	1	1	T	Ι	I	I	I	Ι	Ι	1
70233-X78LF	С	1	Т	1	Ι	1	Т	1	Ι	Т	Ι	Ι	1
	В	3	3	3	3	3	3	3	3	3	3	3	3
	A	1	Ι	Ţ	1	1	Ι	Ι	Ι	Ι	Ι	I	I
METRAL			ON	T A C MO D		OD	E			MOD	. 2	2	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	П	12
	D	3	3	3	3	3	3	3	3	3	3	3	3
70233-X79LF	С	2	2	2	2	2	2	2	2	2	2	2	2
	В	2	2	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2	2	2

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METRAL				T A C MOD		COD	E		1	MOD	. 2	2		
P/N	ROW	T	2	3	4	5	6	7	8	9	10	П	12	
	D	8	8	8	8	8	8	8	8	8	8	8	8	
70233-X80LF	С	6	6	6	6	6	6	6	6	6	6	6	6	
10233-XOULF	В	6	6	6	6	6	6	6	6	6	6	6	6	
	A	6	6	6	6	6	6	6	6	6	6	6	6	
METRAL				T A C MOD		COD	E		I	MOD	. 2	2		
P/N	ROW	1	2	3	4	5	6	7	8	9	10	П	12	
	D	7	7	7	7	7	7	7	7	7	7	7	7	
70000 80115	С	7	7	7	7	7	7	7	7	7	7	7	7	
70233-X8ILF	В	5	5	5	5	5	5	5	5	5	5	5	5	
	A	7	7	7	7	7	7	7	7	7	7	7	7	
METRAL				T A C MOD		COD	E			MOD	. 2	2		
P/N	ROW	T	2	3	4	5	6	7	8	9	10	11	12	
	D	6	6	6	6	6	6	6	6	6	6	6	6	
70000 X001 F	С	8	8	8	8	8	8	8	8	8	8	8	8	
70233-X82LF	В	8	8	8	8	8	8	8	8	8	8	8	8	
	A	20	20	20	20	20	20	20	20	20	20	20	20	
METRAL				T A C MOD		COD	E			MOD	. 2	2		
P/N	ROW	T	2	3	4	5	6	7	8	9	10	11	12	
	D	6	6	6	6	6	6	6	6	6	6	6	6	
70222 80215	С	7	7	7	7	7	7	7	7	7	7	7	7	
70233-X83LF	В	6	6	6	6	6	6	6	6	6	6	6	6	
	A	7	7	7	7	7	7	7	7	7	7	7	7	
METRAL				T A C MOD		COD	Ε			MOD	. 2	2		
P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	
	D	6	6	6	6	6	6	6	6	6	6	6	6	
70233-X84LF	С	7	7	7	7	7	7	7	7	7	7	7	7	
10233-X04LF	В	7	7	7	7	7	7	7	7	7	7	7	7	
	A	7	7	7	7	7	7	7	7	7	7	7	7	

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AFCI						
2016 /	spe	c ref			*	
50	tole	erance	s † c	b	т	- ~ 1
<b>O</b> D		SO 40 SO 11			ו 10	-H
	sur	face			Li	n e

spec ref	*			dr	Terran Huang		2010/07/09		projec	tion	l N	ИМ	size	scale	
tolerance std	T 0 1 5 5			eng	B T Varghese		2017/09/09		- E	= 1		/   V	A 4	1:1	
ISO 406	I IOLEE I OTHERV	KANCES Vise sp	UNLESS ECIFIED	chr	-		-		Ψ ι		-		ecn no	ELX-I-23376-1	
ISO IIOI		INCE OF		appr	K-Paul Biju		2017/09/09		product f	amily		METRAL	rel level	Released	
		0.X	±0.3	A	shanal	° MΓ	трлі	SICN	IAL HE,			0			rev
surface /	linear	0.XX	±0.13				IRAL	3101	IAL NE	ADER		Ø	7023	3	
		0.XXX	±0.051			+ 2 M	OD, 4	ROW PR	ESS-FIT			d x			AH
ISO I302	angular	0°	±2°			cat. no			-	Pr	oduct -	Customer	Drw	sheet 7 of	10
ile - REV E - 2016-02-12					2				3	PD	S: Rev :AH	STA	TUS:Released	Printed: S	Sep 09. (

В

А

Amphenol FCi

С

Image: 10233-X95LF     Image: 10233-X95LF       METRAL     R0       P/N     R0       10233-X96LF     Image: 10233-X96LF       METRAL     R0       10233-X97LF     Image: 10233-X97LF       METRAL     R0       10233-X97LF     Image: 10233-X97LF       METRAL     R0       P/N     R0	C B A C C B A C C B A C C B A C C C C C	  10  10  11  11  21  9  9  21	2 10 10 11 2 21 9 9 21 20 0 0 0		4 10 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 10	5 10 10 11 10 11 5 21 9 9 21	6 10 10 11 E 6 21 9 9 9 21	7 10 10 11 11 7 21 9 9 9 21	8 10 10 10	40D 9 10 10 10 11 40D 9 21 9 9 9	10 10 10 11	11 10 10 11	2   0   0   1   1   1   2   2   9
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METRAL P/N	D		-	3			_		١	NOD	. 2		
0233-X97LF	-	10	1.0	L	4	5	6	7	8	9	10		12
VO233-X97LF	c		10	10	10	10	10	10	10	10	10	10	10
METRAL P / N	~	П	П	11	П	П	П	11	П	11	П	П	П
METRAL	В	21	21	21	21	21	21	21	21	21	21	21	21
P/N	A	П	П	11	П	П	П	П	П	П	П	П	П
P/N D		C		T A C MOD		OD	E		١	NOD	. 2		
R	OW	Ι	2	3	4	5	6	7	8	9	10	$\square$	12
[	D	9	9	9	9	9	9	9	9	9	9	9	9
0233-X98LF	С	9	9	9	9	9	9	9	9	9	9	9	9
	В	П	П	П	П	П	П	П	П	11	П	П	П
	A	9	9	9	9	9	9	9	9	9	9	9	9
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(	D	11	11	11	11	П	11	11	11	11	Ш	11	11
(0.2.2.2. VOOLE (	С	10	10	10	10	10	10	10	10	10	10	10	10
0233-X99LF		10	10	10	10	10	10	10	10	10	10	10	10
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	D	12	12	12	12	12	12	12	12	12	12	12	12
70233-X90LF	С	10	10	10	10	10	10	10	10	10	10	10	10
10233 X30L1	В	10	10	10	10	10	10	10	10	10	10	10	10
	A	10	10	10	10	10	10	10	10	10	10	10	10
METRAL		(	ON:	T A C MO D	T ( . I	OD	E		١	NOD	. 2	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	П	П	П	П	П	П	П	П	П	П	П	П
70233-X91LF	С	П	П	П	П	П	П	П	П	П	П	П	П
TOESS ASTEN	В	9	9	9	9	9	9	9	9	9	9	9	9
	A	11	П				11	П	П	П	П	П	
METRAL		(	ON:	T A C MO D		OD	E		١	NOD	. 2		
P/N	ROW	I	2	3	4	5	6	7	8	9	10	П	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X92LF	С	12	12	12	12	12	12	12	12	12	12	12	12
10233-X92LF	В	12	12	12	12	12	12	12	12	12	12	12	12
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	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X93LF	С	П	П	П	П	П	П	П	П	П	П	П	П
10233 X33EI	В	10	10	10	10	10	10	10	10	10	10	10	10
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P/N	ROW	I	2	3	4	5	6	7	8	9	10	П	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X94LF	С	11	11		11	11	11	П	11	П	П	11	11
10233-19461	В	11	11				11	П	11	П	11	11	11
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METRAL		0		T A C MOD		CODI	E		l	MOD	. 2	2	
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70000 80515	С	6	6	6	6	6	6	6	6	6	6	6	6
70233-X85LF	В	6	6	6	6	6	6	6	6	6	6	6	6
	A	7	7	7	7	7	7	7	7	7	7	7	7
METRAL		(		T A C MO D		COD	Ε		I	MOD	. 2	2	
P/N	ROW	I	2	3	4	5	6	7	8	9	10	11	12
	D	20	20	20	20	20	20	20	20	20	20	20	20
70233-X86LF	С	5	5	5	5	5	5	5	5	5	5	5	5
10233-X00LF	В	5	5	5	5	5	5	5	5	5	5	5	5
	A	20	20	20	20	20	20	20	20	20	20	20	20
METRAL		(		T A C MO D		COD	E			MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
	D	6	6	6	6	6	6	6	6	6	6	6	6
70233-X87LF	С	7	7	7	7	7	7	7	7	7	7	7	7
IVESS NOTEI	В	20	20	20	20	20	20	20	20	20	20	20	20
	A	7	7	7	7	7	7	7	7	7	7	7	7
METRAL		(		T A C MO D		COD	E			MOD	. í	2	
P/N	ROW	Т	2	3	4	5	6	7	8	9	10	П	12
	D	5	5	5	5	5	5	5	5	5	5	5	5
70233-X88LF	С	5	5	5	5	5	5	5	5	5	5	5	5
INCOS NOOLI	В	7	7	7	7	7	7	7	7	7	7	7	7
	A	5	5	5	5	5	5	5	5	5	5	5	5
METRAL		(		T A C MO D		COD	Ε		I	MOD	. 2	2	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	11	12
	D	7	7	7	7	7	7	7	7	7	7	7	7
70233-X89LF	C	6	6	6	6	6	6	6	6	6	6	6	6
IVEJJ NUJEF	В	6	6	6	6	6	6	6	6	6	6	6	6
	A	6	6	6	6	6	6	6	6	6	6	6	6

spec ref	*			dr	Terran Huang		2010/07/09	proj	ection	N/	1 N /	size	scale	
tolerance std	T 0 1 5 5			eng	eng BTVarghese		2017/09/09			V	MM		A 4 I I : I	
ISO 406		TOLERANCES UNLESS DTHERWISE SPECIFIED			hr -		•		$1  \forall  \Box  \Box$		◄──►		ELX-I-23376-1	
ISO IIOI	OTHERWISE STEETTIED			appr	appr K-Paul Biju		2017/09/09 produc		oduct family		METRAL	rel level	Released	
		0.X	±0.3	A	shanal	° METDAL SIC					0 L			rev
surface / linear $0.XX \pm 0.1$		±0.13	Amphenol		≝ METRAL SIGN		IGNAL H	NAL HEAVEN		ත	70233	3		
		0.XXX	±0.051		FUI	т 2 М	10D, 4 RO	W PRESS-FI	Т		d w			AH
ISO I302	angular	0°	±2°			cat, no	).	-	F	Product -	Customer	Drw	sheet 8 of	10

В

А

Amphenol FCi

С

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A	P/N	DD. 2 9 10 11 12 6 6 6 6 6 6 6 6 6 6 6 6 6 6					A
В	METRAL P/N         CONTACT CODE MOD.         MOD.         MO	5     5     7     5       5     5     7     5       5     5     7     5					В
Amphenol FCi	D/N	DD.     2       9     10       1     2       2     3       1     4       1     2       2     3					
C							С
AFCI							
<b>© 2016 AI</b>	spec ref * tolerance std ISO 406 ISO 1101	drTerran HuaNCES UNLESS SE SPECIFIEDengB T Varghechr-apprK-Paul Biju	se 2017/09/09 -	projection product family		size scale A 4  :  ecn no ELX-1-23376-1 rel level Released	D
	surface linear	0.x ±0.3 0.xx ±0.13 0.xxx ±0.051 <b>Amphenc</b>	METRAL <sup>™</sup> 2 MOD, 4	SIGNAL HEADER ROW PRESS-FIT	ou b mp	70233	r e v AH
	SO   302   angular Gree File - REV E - 2016-02-12 	0° ±2° 2	cat. no.	·	oduct - Customer 	Drw sheet 9 of 1 TUS:Released Printed: Sep	

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NUL	LU.	

- I. FOR DIM A AND B SEE SHEET 2 AND UP.
- 2. BODY MATERIAL: LIQUID CRYSTAL

POLYMER 30 % GLASS.

- FLAME RETARDANT ACC. UL 94-VO.
- 3. PIN MATERIAL:
- PHOSPHOR BRONZE. 4. PLATING ON PRESS-FIT TAIL: 70233-XYYLF IS Sn (LF STANDS FOR LEAD FREE) PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.

2

- 5. PRODUCT MARKING: PART NUMBER DESIGNATION & BATCH I.D.
- 6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXPLF
- 7. PRODUCT SPECIFICATION GS-12-180 APPLICATION SPECIFICATION BUS-20-073
- (8) AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- (9.) -A PLATING HAS AU FLASH IN PRESS FIT AREA (LEAD FREE).
- (10) THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-NI--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI---AND (DRAWINGS NO.)-N5--WILL NOT WITHSTAND REFLOW AND AU CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

	PLATING IN CONT	ACT AREA
DASH NUMBER	PERFORMANCE LEVEL	NOTES
- AYYLF	TELCORDIA CO	SEE NOTE 8,9 & 10
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE IO
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE IO
-IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE IO
-2YYLF	TELECOM CLASS	SEE NOTE IO
-5YYLF	TELCORDIA UE	SEE NOTE IO

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spec ref	*			dr	Terran Huang		2010/07/09	proje	ection		1 N /	size	scale	
tolerance std				eng	B T Varghese		2017/09/09		$\square$	MM		A 4	1:1	
ISO 406 TOLERANCES UNLE OTHERWISE SPECIF		UNLESS Ecified	chr -			-			◄──	◄ ►		ELX-I-23376-1		
ISO IIOI		ISE SIECHIED		appr	K-Paul Biju		2017/09/09	product family			METRAL	rel level	Released	
		0.X	±0.3	Amakana	abanal	– METRAL SIGNAL HEADER				0			rev	
surface /	linear	0.XX	±0.13	Ami	phenol FCi		INAL SIG	NAL DE	EAVER		ۍ	7023	3	
		0.XXX	±0.051		FUI	+ 2 M	OD, 4 ROW P	RESS-FIT	Г		мр			AH
ISO I302	angular	0°	±2°			cat, no		-	Pr	oduct -	Customer	r Drw	sheet 10 o	f   0
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