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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.

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Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

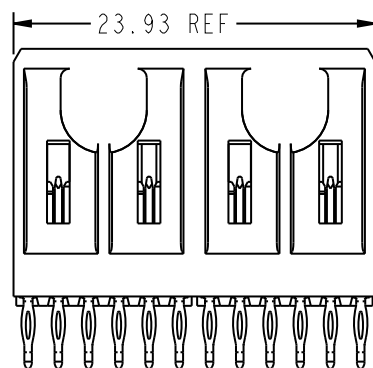
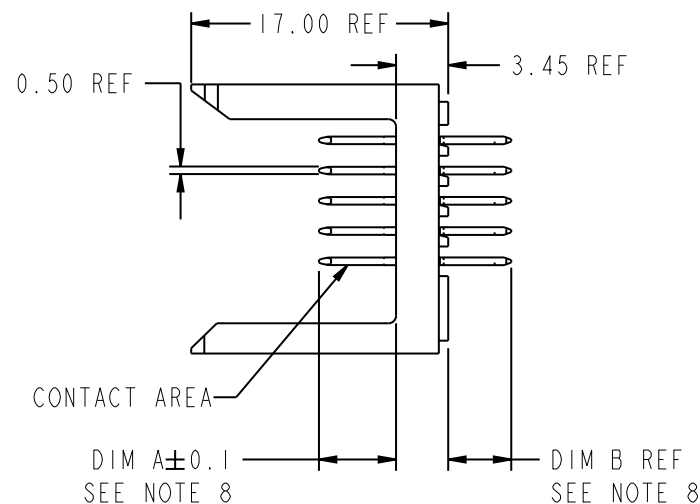
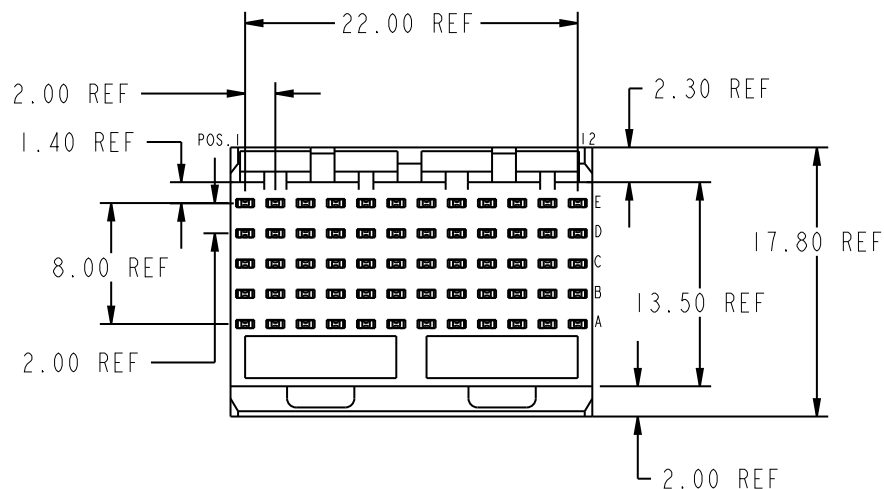
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

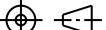
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





PRODUCT NUMBER
85832-XYX
85832-XYLX



mat'l code				--		tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com				
lfr	ecm no.	dr	date	linear	0. X ±0.3				COPY			title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT				
T	V06-0569	DCH	2006-06-12		0. XX ±0.13											
U	DG09-0256	TER	2009-08-19		. XXX ±.051											
-	-	-	-	angles	0° ±2°				 MM scale 2:1		product family		METRAL		code	
N	V04-0559	HTB	06/01/04	dr	T.BRUNGARD		11/19/99				size	dwg no	85832		213	
P	V04-1059	HTB	10/25/04	enrg	M.STRAWER		11/19/99									
R	V04-1100	DAI	01/20/05	chr	M.STRAWER		11/19/99									
S	V05-0235	LP	3/30/05	appd	M.STRAWER		02/29/00									
sheet index		revision		U	U	U	U	U	U	U	U					
sheet		sheet		1	2	3	4	5	6	7	8					

REV E - 2006-04-18



KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
40	5.00	15.60
41	6.50	15.60
42	7.25	15.60
43	8.00	15.60
44	5.75	12.10
45	6.50	12.10
48	5.00	15.10
54	5.00	11.50
55	5.75	11.50
56	6.50	11.50
59	5.00	11.80
60	5.75	11.80
61	6.50	11.80
62	7.25	11.80
63	8.00	11.80
64	5.75	14.90

[illegible]



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1 2												3												4																						
METRAL P/N		CONTACT CODE MOD. 1					MOD. 2					METRAL P/N		CONTACT CODE MOD. 1					MOD. 2					METRAL P/N		CONTACT CODE MOD. 1					MOD. 2															
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85832-X01	E	25	25	25	25	25	25	25	25	25	25	25	D	25	25	25	25	25	25	25	25	25	25	25	25	85832-X10	E	N/A																		
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-----	A	25	25	25	25	25	25	25	25	25	25	25	-----	A	1	1	1	1	1	1	1	1	1	1	1	-----	A	2	2	2	2	2	2	2	2	2	2	2	2							
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85832-X03	E	3	3	3	3	3	3	3	3	3	3	3	85832-X08	E	20	20	20	20	20	20	20	20	20	20	20	85832-X12	E	7	7	7	7	7	7	7	7	7	7	7	7							
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85832-X03LF	C	3	3	3	3	3	3	3	3	3	3	3	85832-X08LF	C	8	8	8	8	8	8	8	8	8	8	8	-----	C	7	7	7	7	7	7	7	7	7	7	7	7							
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mat'l code				tolerances unless otherwise specified				CUSTOMER		FCI			
lfr	ecr no.	dr	date	linear	0.X ±0.3	0.XX ±0.13	.XXX ±.051	projection	COPY	title	product family	code	
U				angles	0° ±2°					METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT	METRAL	213	
				dr	T.BRUNGARD	11/19/99					size	3	
				enrg	M.STRAWSE	11/19/99					dwg no	85832	
				chr	M.STRAWSE	11/19/99						sheet	
				appd	M.STRAWSE	02/29/00						3	
sheet index	revision	sheet											

1 2												3												4											
Pro/E												cage code 22526																							

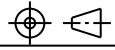
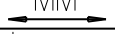


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85832-X14LF	C	16	16	16	16	16	16	16	16	16	16
	B	16	16	16	16	16	16	16	16	16	16
85832-X15	E	13	13	13	13	13	13	13	13	13	13
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	D	17	17	17	17	17	17	17	17	17	17
85832-X16LF	C	17	17	17	17	17	17	17	17	17	17
	B	17	17	17	17	17	17	17	17	17	17
85832-X17	E	14	14	14	14	14	14	14	14	14	14
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85832-X17LF	C	14	14	14	14	14	14	14	14	14	14
	B	14	14	14	14	14	14	14	14	14	14
85832-X18	E	18	18	18	18	18	18	18	18	18	18
	D	18	18	18	18	18	18	18	18	18	18
85832-X18LF	C	18	18	18	18	18	18	18	18	18	18
	B	18	18	18	18	18	18	18	18	18	18

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X19	E	15	15	15	15	15	15	15	15	15	15
	D	15	15	15	15	15	15	15	15	15	15
85832-X19LF	C	15	15	15	15	15	15	15	15	15	15
	B	15	15	15	15	15	15	15	15	15	15
85832-X20	E	10	10	10	10	10	10	10	10	10	10
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85832-X20LF	C	10	10	10	10	10	10	10	10	10	10
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85832-X21	E	10	10	10	10	10	10	10	10	10	10
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85832-X21LF	C	9	9	9	9	9	9	9	9	9	9
	B	9	9	9	9	9	9	9	9	9	9
85832-X22	E	2	2	2	2	2	2	2	2	2	2
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	B	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
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	B	1	1	1	1	1	1	1	1	1	1
85832-X24	E	20	20	20	20	20	20	20	20	20	20
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85832-X24LF	C	20	20	20	20	20	20	20	20	20	20
	B	5	5	5	5	5	5	5	5	5	5
85832-X25	E	22	22	22	22	22	22	22	22	22	22
	D	22	22	22	22	22	22	22	22	22	22
85832-X25LF	C	22	22	22	22	22	22	22	22	22	22
	B	22	22	22	22	22	22	22	22	22	22
85832-X26	E	54	54	54	54	54	54	54	54	54	54
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	B	55	55	55	55	55	55	55	55	55	55

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com				
lfr	ecr no.	dr	date	linear	0.X ± 0.3	projection	COPY		title			
U					0.XX ± 0.13					METAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT		
					.XXX ± 0.051							
				angles	0° $\pm 2^\circ$		product family	METRAL	code			
				dr	T.BRUNGARD 11/19/99					size	dwg no	213
				enrg	M.STRAWSE 11/19/99							
				chr	M.STRAWSE 11/19/99	scale	1:1	4				
				appd	M.STRAWSE 02/29/00				cage code	22526	4	
sheet	revision											
index	sheet											



CONTACT CODE MOD. 1												MOD. 2															
METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
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CONTACT CODE MOD. 1												MOD. 2															
METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
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	D	19	19	19	19	19	19	19	19	19	19	19	19		D	6	6	6	6	6	6	6	6	6	6	6	
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CONTACT CODE MOD. 1												MOD. 2															
METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
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	D	56	56	56	56	56	56	56	56	56	56	56	56		D	21	21	21	21	21	21	21	21	21	21	21	21
	C	56	56	56	56	56	56	56	56	56	56	56	56		C	21	21	21	21	21	21	21	21	21	21	21	21
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	A	56	56	56	56	56	56	56	56	56	56	56	56		A	12	12	12	12	12	12	12	12	12	12	12	12

CONTACT CODE MOD. 1												MOD. 2															
METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
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CONTACT CODE MOD. 1												MOD. 2															
METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12	METRAL P/N	ROW	1	2	3	4	5	6	7	8	9	10	11	12
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	D	3	3	3	3	3	3	3	3	3	3	3	3		D	61	61	61	61	61	61	61	61	61	61	61	61
	C	19	19	19	19	19	19	19	19	19	19	19	19		C	61	61	61	61	61	61	61	61	61	61	61	61
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mat'l code				tolerances unless otherwise specified				CUSTOMER		FCJ	
lfr	ecr no.	dr	date	linear	0.X ±0.3	COPY		www.fcjconnect.com			
U				linear	0.XX ±0.13	projection		title			
				angles	.XXX ±.051			METRAL SIGNAL HEADER			
				dr	T.BRUNGARD 11/19/99			2 MOD, 5 ROW PRESS-FIT			
				enrg	M.STRAWSE 11/19/99	MM		product family			
				chr	M.STRAWSE 11/19/99	scale		METRAL			
				appd	M.STRAWSE 02/29/00	1:1		code			
sheet index		revision sheet						size		sheet	
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[illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
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85832-X41F	B	63	63	63	63	63	63	63	63	63	63	63	63
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METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
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85832-X42	E	6	1	6	1	6	1	6	1	6	1	6	1
	D	6	1	6	1	6	1	6	1	6	1	6	1
-----	C	6	1	6	1	6	1	6	1	6	1	6	1
85832-X42LF	B	6	3	6	3	6	3	6	3	6	3	6	3
	A	6	1	6	1	6	1	6	1	6	1	6	1

[illegible][illegible][illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X46	E	40	40	40	40	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40	40	40	40	40
-----	C	40	40	40	40	40	40	40	40	40	40	40	40
85832-X46LF	B	40	40	40	40	40	40	40	40	40	40	40	40
	A	40	40	40	40	40	40	40	40	40	40	40	40

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X47	E	40	40	40	40	40	40	40	40	40	40	40	40
	D	40	40	40	40	40	40	40	40	40	40	40	40
-----	C	40	40	40	40	40	40	40	40	40	40	40	40
85832-X47LF	B	40	40	40	40	40	40	40	40	40	40	40	40
	A	41	41	41	41	41	41	41	41	41	41	41	41

[illegible][illegible]

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X50 ----- : 85832-X50LF	E	25	25	25	25	25	25	25	25	25	25	25	25
	D	25	25	25	25	25	25	25	25	25	25	25	25
	C	25	25	25	25	25	25	25	25	25	25	25	25
	B	42	42	42	42	42	42	42	42	42	42	42	42
	A	25	25	25	25	25	25	25	25	25	25	25	25

METRAL P/N	ROW	CONTACT CODE MOD. 1						MOD. 2					
		1	2	3	4	5	6	7	8	9	10	11	12
85832-X51	E	41	41	41	41	41	41	41	41	41	41	41	41
	D	41	41	41	41	41	41	41	41	41	41	41	41
-----	C	42	42	42	42	42	42	42	42	42	42	42	42
85832-X51LF	B	43	43	43	43	43	43	43	43	43	43	43	43
	A	43	43	43	43	43	43	43	43	43	43	43	43

[illegible]

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	0. x $\pm$ 0.3	projection 	title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT				
U					0. xx $\pm$ 0.13						
					. xxx $\pm$.051						
				angles	0° $\pm$ 2°	 scale 1 : 1	product family METRAL	code		213 sheet 6	
		dr	T. BRUNGARD	11/19/99							
		enrg	M. STRAWSER	11/19/99							
		chr	M. STRAWSER	11/19/99							
			appd	M. STRAWSER	02/29/00		size A	dwg no 85832			
sheet index	revision sheet										



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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X53	E	42	42	42	42	42	42	42	42	42	42
	D	42	42	42	42	42	42	42	42	42	42
85832-X53LF	C	42	42	42	42	42	42	42	42	42	42
	B	42	42	42	42	42	42	42	42	42	42
	A	42	42	42	42	42	42	42	42	42	42

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X54	E	43	43	43	43	43	43	43	43	43	43
	D	43	43	43	43	43	43	43	43	43	43
85832-X54LF	C	43	43	43	43	43	43	43	43	43	43
	B	43	43	43	43	43	43	43	43	43	43
	A	43	43	43	43	43	43	43	43	43	43

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X55	E	11	11	11	11	11	11	11	11	11	11
	D	11	11	11	11	11	11	11	11	11	11
85832-X55LF	C	12	12	12	12	12	12	12	12	12	12
	B	21	21	21	21	21	21	21	21	21	21
	A	21	21	21	21	21	21	21	21	21	21

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X56	E	11	11	11	11	11	11	11	11	11	11
	D	11	11	11	11	11	11	11	11	11	11
85832-X56LF	C	11	11	11	11	11	11	11	11	11	11
	B	21	21	21	21	21	21	21	21	21	21
	A	11	11	11	11	11	11	11	11	11	11

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X57	E	7	7	7	7	7	7	7	7	7	7
	D	7	7	7	7	7	7	7	7	7	7
85832-X57LF	C	8	8	8	8	8	8	8	8	8	8
	B	20	20	20	20	20	20	20	20	20	20
	A	20	20	20	20	20	20	20	20	20	20

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X58	E	7	7	7	7	7	7	7	7	7	7
	D	7	7	7	7	7	7	7	7	7	7
85832-X58LF	C	7	7	7	7	7	7	7	7	7	7
	B	20	20	20	20	20	20	20	20	20	20
	A	7	7	7	7	7	7	7	7	7	7

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X59	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
85832-X59LF	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2

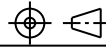
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X60	E	4	4	4	4	4	4	4	4	4	4
	D	4	4	4	4	4	4	4	4	4	4
85832-X60LF	C	4	4	4	4	4	4	4	4	4	4
	B	1	1	1	1	1	1	1	1	1	1
	A	4	4	4	4	4	4	4	4	4	4

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X61	E	2	2	2	2	2	2	2	2	2	2
	D	2	2	2	2	2	2	2	2	2	2
85832-X61LF	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	1	1	1	1	1	1	1	1	1	1

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X62	E	64	64	64	64	64	64	64	64	64	64
	D	64	64	64	64	64	64	64	64	64	64
85832-X62LF	C	64	64	64	64	64	64	64	64	64	64
	B	64	64	64	64	64	64	64	64	64	64
	A	64	64	64	64	64	64	64	64	64	64

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X63	E	1	1	1	1	1	1	1	1	1	1
	D	2	2	2	2	2	2	2	2	2	2
85832-X63LF	C	2	2	2	2	2	2	2	2	2	2
	B	2	2	2	2	2	2	2	2	2	2
	A	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2				
		1	2	3	4	5	6	7	8	9	10
85832-X64	E	3	3	3	3	3	3	3	3	3	3
	D	3	3	3	3	3	3	3	3	3	3
85832-X64LF	C	3	3	3	3	3	3	3	3	3	3
	B	3	3	3	3	3	3	3	3	3	3
	A	1	1	1	1	1	1	1	1	1	1

mat'l code		--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecr no.	dr	date	linear	0.XX ±0.13	projection	COPY	title METRAL SIGNAL HEADER	
U				angles				2 MOD, 5 ROW PRESS-FIT	
				dr	T.BRUNGARD 11/19/99			product family METRAL	
				enrg	M.STRAWSE 11/19/99			code 213	
				chr	M.STRAWSE 11/19/99			sheet 7	
				appd	M.STRAWSE 02/29/00				
sheet index		revision sheet				scale 1:1		cage code 22526	

PRODUCT NUMBER

85832-XXX

85832-XXYLF

NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
3. PIN MATERIAL:
PHOSPHOR BRONZE.
4. PLATING ON PRESS-FIT TAIL:
85832-XXX IS SnPb
85832-XXYLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE BELOW.
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-XXXP
7. PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-073

8. AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
9. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.

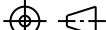
ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING
(DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND Au CONTACT
SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140°C FOR
NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

10. REFER TO 89007 FOR OTHER LOAD VARIATIONS.

PLATING IN CONTACT AREA		NOTES
DASH NUMBER	PERFORMANCE LEVEL	-
-N1YY	TELCORDIA CO (NXT)	-
-N5YY	TELCORDIA UE (NXT)	-
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-N1YYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9



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mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com			
lfr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title METRAL SIGNAL HEADER 2 MOD, 5 ROW PRESS-FIT			
U					0.XX ±0.13	projection					
				angles	.XXX ±.051			product family METRAL			
					0° ±2°						
		dr	T.BRUNGARD	11/19/99			size		dwg no		code
		enrg	M.STRAWSER	11/19/99			A		85832		213
		chr	M.STRAWSER	11/19/99	scale		1:1		sheet		
		appd	M.STRAWSER	02/29/00					8		
sheet	revision										
index	sheet										

cage code 22526

Pro/E