

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

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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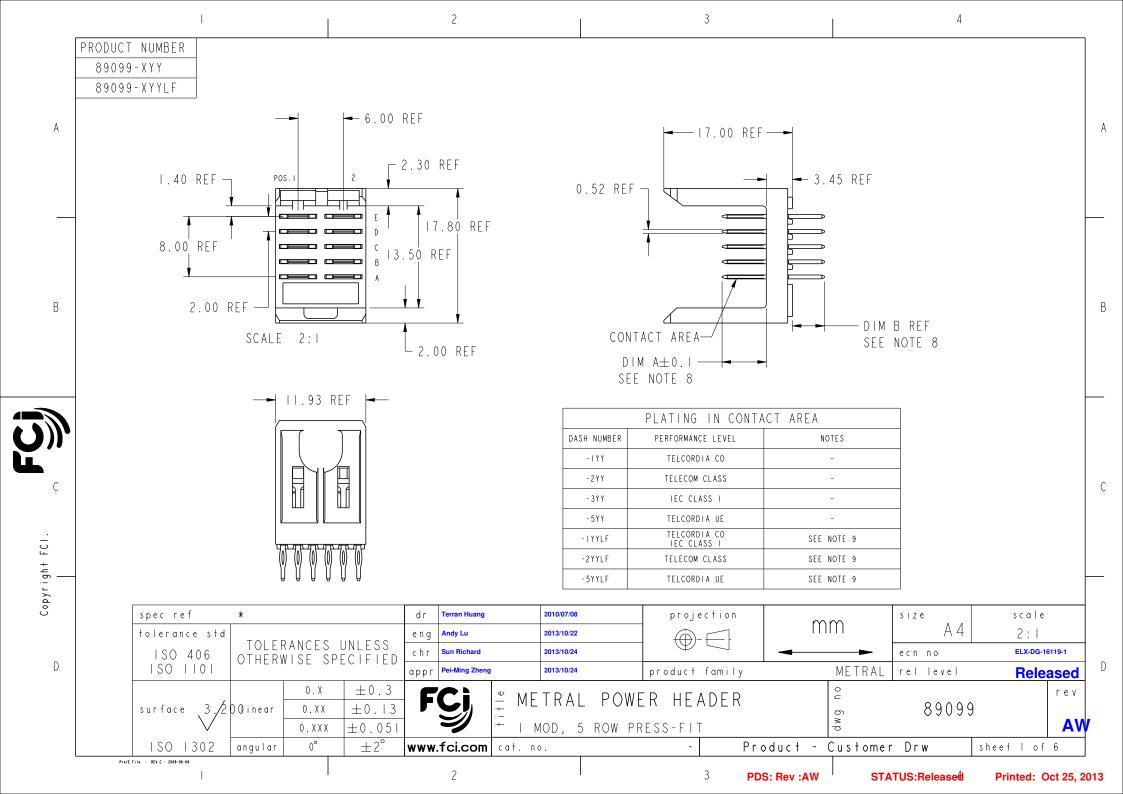
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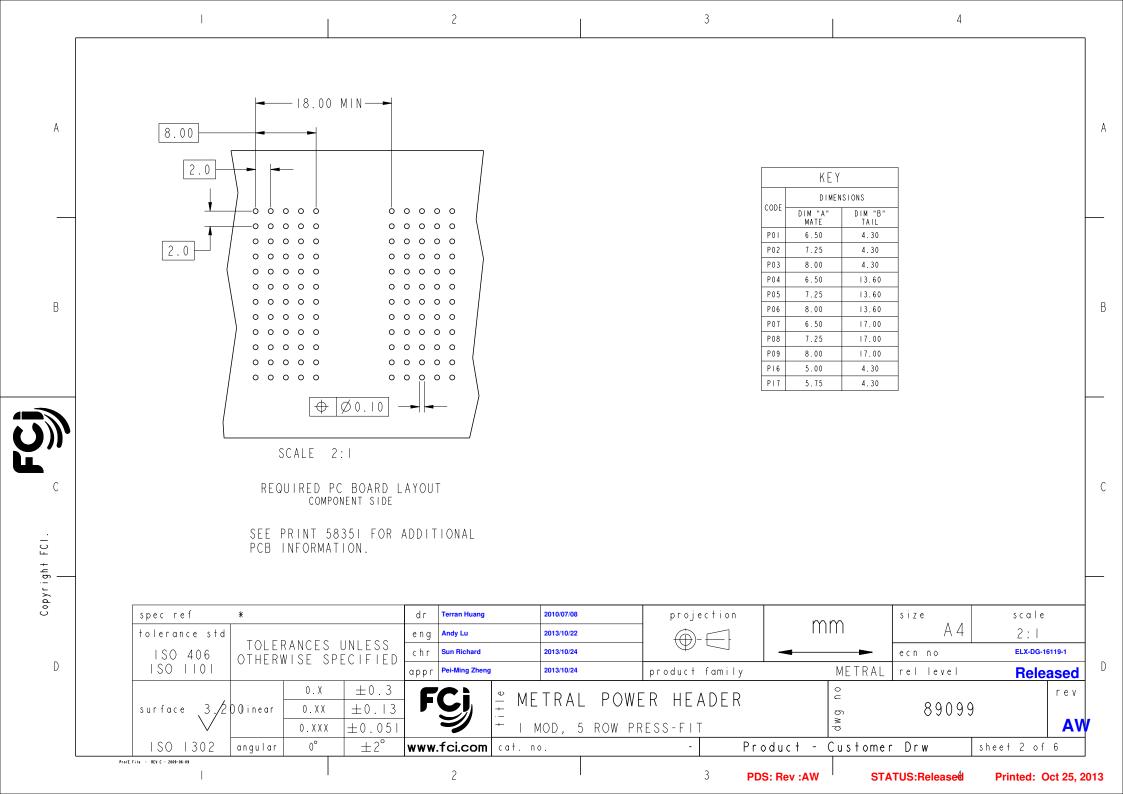
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Control Cont		I	2		3		4	
Part   Content   Content	P/N R 89099-X01 SEE NOTE 10 LEAD FREE OPTION	MOD. I 2 E P16 P16 D P16 P16 C P16 P16 B P16 P16	METRAL   MOD.	METRAL   P/N   ROW	METRAL   P/N   RO	MOD. I  1 2  P02 P02  P02 P02  P02 P02  P02 P02  P02 P02	METRAL P/N ROW I 2  89099-X20 E P04 P04  SEE NOTE IO LEAD FREE OPTION B P06 P06	
B	P/N R 89099-X02 SEE NOTE 10 LEAD FREE	MOD. I  2  E P16 P16  D P16 P16  C P16 P16  B P16 P16	METRAL P/N ROW I 2  89099-X06 E PI7 PI7  SEE NOTE IO D PI7 PI7  LEAD FREE OPTION B PI7 PI7	METRAL	2	MOD. I  2  POI POI  POI POI  PO2 PO2  PO2 PO2	METRAL P/N ROW I 2  89099-X21 E P04 P04  SEE NOTE 10 LEAD FREE OPTION B P04 P04  B P04 P04	
NETRAL   NOD   1   2   1   2   1   2   38099-X10   E   P17   P17   1   2   38099-X10   E   P01   P01   1   2   2   38099-X10   E   P01   P01   1   2   2   38099-X10   E   P01   P01   1   2   2   38099-X10   E   P01   P01   1   2   2   2   2   2   2   2   2	P/N R 89099-X03 SEE NOTE 10 LEAD FREE OPTION	CONTACT CODE MOD. I  OW I 2  E PI7 PI7  D P0I P0I  C PI7 P17  B P17 P17	METRAL   CONTACT CODE   MOD.	METRAL P/N ROW I  89099-XI3 E P01 P  SEE NOTE 10 LEAD FREE OPTION C P02 P  B P03 P	DDE	CONTACT CODE MOD. I  W I 2  POI POI  POI POI  POI POI  POI POI	METRAL P/N ROW I 2 89099-X22 E P04 P04 SEE NOTE IO LEAD FREE OPTION C P04 P06 B P06 P06	
Spec_ref	P/N R 89099-X04 SEE NOTE 10 LEAD FREE OPTION	MOD. I 2 E P17 P17 D P17 P17 C P17 P17 B P02 P02	METRAL   MOD.	METRAL P/N ROW I R	2	MOD. I  2  POI POI  POI POI  PO3 PO3  PO3 PO3	METRAL P/N ROW I 2  89099-X23 E P04 P04  SEE NOTE IO LEAD FREE OPTION B P06 P06	
Surface   3 /2   Doinear     O.X   ±0.3     FS     METRAL POWER HEADER     So   1302   angular   O°   ±2°   www.fci.com   cat. no.   Product - Customer Drw   Sheet 3 of 6	spec ref toleranc	e std TOLERAN	CES UNLESS E SPECIFIED chr Sun Richard	2013/10/22 i 2013/10/24	<b>—</b> ———————————————————————————————————	<b>→</b>	ecn no ELX-DC	i-16119-1
		3./200 inear 0	0.XX ±0.3 0.XX ±0.13 .XXX ±0.051	<u> </u>	ER HEADER RESS-FIT	o u 50 № p	89099	rev
	Pro/E file - REV C - 2009-06-09		$0^{\circ}$ $\pm 2^{\circ}$ www.fci.cor	<b>m</b> cat. no.	- Pro	oduct - Custome	er Drw sheet 3 o	f 6

	I		2	3	4	
A	P/N         ROW         I         2           89099-X24         E         P06         P06           D         P06         P06           SEE NOTE IO         C         P06         P06           LEAD FREE         LE	METRAL P/N ROW I 2 39099-X28 E P04 P04 D P04 P04 E NOTE IO EAD FREE OPTION B P06 P06 A P06 P06	METRAL P/N ROW I 2  89099-X33 E P07 P07  D P07 P07  SEE NOTE IO LEAD FREE OPTION B P09 P09  A P09 P09	89099-X37 E P07 P  SEE NOTE 10 LEAD FREE OPTION B P07 P	METRAL   CONTACT CODE   MOD.	A
	P/N         ROW         I         2           89099-X25         E         P05         P05           D         P05         P05           SEE NOTE IO LEAD FREE         C         P05         P05	METRAL P/N ROW I 2  39099-X30 E P07 P07  E NOTE IO EAD FREE OPTION B P08  B P09 P09  A P08 P08	METRAL P/N ROW I 2  89099-X34 E P09 P09  SEE NOTE IO LEAD FREE OPTION B P09 P09  A P09 P09	89099-X38   E   P07   P	METRAL MOD. I P/N ROW I 2 07 89099-X42 E P01 P01	
В	METRAL P/N ROW I 2  89099-X26 E P04 P04  D P04 P04  SEE NOTE IO C P05 P05  DFION B P05 P05	METRAL P/N ROW I 2 89099-X31 E P07 P07 D P07 P07 EAD FREE OPTION B P07 P07	METRAL P/N ROW I 2  89099-X35 E P08 P08  D P08 P08  SEE NOTE IO LEAD FREE OPTION B P08  D P08 P08  C P08 P08	METRAL P/N ROW I  89099-X39 E P03 P  SEE NOTE 10 LEAD FREE OPTION B P01 P	DE   METRAL   CONTACT CODE   MOD. 1   2   2   89099-X43   E   P03   P03   3   SEE NOTE   10   D   P03   P03   4   EAD FREE   OPTION   C   P03   P03   6   B   P02   P02	В
ight FCI.	P/N ROW I 2  89099-X27 E P04 P04  SEE NOTE 10 D P04 P04  LEAD FREE C P04 P04  LEAD FREE C P04 P04	METRAL P/N P07  METRAL P/N ROW I 2  39099-X32 E P07 P07  EE NOTE 10 D P07 P07  EAD FREE OPTION B P09 P09  A P07 P07	METRAL   CONTACT CODE   MOD.	METRAL   CONTACT CC   MOD.   1	METRAL   CONTACT CODE   MOD.	C
Copyr	surface 3.200 inear 0	CES UNLESS E SPECIFIED  O.X ±0.3  O.XX ±0.13  I.XXX ±0.051	Terran Huang 2010/07/08  Andy Lu 2013/10/22  Sun Richard 2013/10/24  Pei-Ming Zheng 2013/10/24   □ METRAL POWI	RESS-FIT	METRAL rel level  ○  ○  ○  ○  ○  ○  ○  ○  ○  ○  ○  ○  ○	Cale
		V   LZ  WWW.1	2	3 <b>PDS: Rev :</b>		ted: Oct 25, 2013

Control   Cont		I	2		3		4	
B	А	METRAL P/N ROW I 2  89099-X45 E P03 P03  SEE NOTE IO D P02 P02  LEAD FREE OPTION B P17 P17	METRAL P/N ROW I 2  89099-X49 E P02 P02  SEE NOTE IO LEAD FREE OPTION B P03 P03  B P03 P03	METRAL   P/N   ROW   1   2	METRAL P/N ROW 89099-X57 E SEE NOTE 10 D LEAD FREE OPTION B	MOD. 1  1 2  P03 P03  P01 P01  P01 P01  P01 P01  OI	NOTE 10 D FREE PTION    MOD. 1	A
MCTRAL   MOD     2   MCTRAL   M		METRAL P/N ROW I 2  89099-X46 E P03 P03  SEE NOTE 10 LEAD FREE OPTION C P01 P01  B P03 P03	METRAL   MOD.	METRAL   MOD.	METRAL P/N ROW 89099-X58 E D D LEAD FREE OPTION B	MOD. I  I 2  POI POI  PO3 PO3  PO1 PO1  PO3 PO3  PO 3 PO3	NOTE 10 D FREE PTION    EXAMPLE   MOD.	
METRAL   MOD. 1   2   8999-X86     P/N   800   1   2   8999-X82   E   P93   P93   P93   SEE NOTE 10   D   P94   P94   EAD FREE   C   P96   P96	В	METRAL P/N ROW I 2  89099-X47 E P01 P01  SEE NOTE 10 C P02 P02  B P03 P03	METRAL P/N ROW I 2  89099-X51 E P01 P01  SEE NOTE 10 C P16 P16  OPTION B P01 P01	METRAL   MOD.	METRAL P/N ROW  89099-X59 E  SEE NOTE 10 D LEAD FREE OPTION B	MOD. I  I 2  P16 P16  P03 P03  P03 P03  P03 P03  C	MOD.	В
Spec_ref   *	9 h †	METRAL P/N ROW I 2  89099-X48 E P04 P04  SEE NOTE IO D P04 P04  LEAD FREE OPTION C P06 P06  B P04 P04	METRAL P/N ROW I 2  89099-X52 E P03 P03  SEE NOTE IO LEAD FREE OPTION B P03 P03  B P03 P03	METRAL   P/N   ROW   1   2	METRAL P/N ROW  89099-X60 E  SEE NOTE 10 D LEAD FREE OPTION C  B	MOD. I  1 2  POI POI  POI  PO3 PO3  PO3 PO3  PO3 PO3	METRAL P/N ROW I 2 099-X64 E P02 P02 NOTE IO D P02 P02 AD FREE C P01 P01 B P03 P03	C
Surface   3.200   near     0.X     ±0.3	Copy	tolerance std TOLERANCE	eng Andy Lu SUNLESS SPECIFIED chr Sun Richard	2013/10/22		mm ► ecr	A 4     ;   n no <b>ELX-DG-1611</b>	
		surface 3.200 inear 0.XX	(x ±0.3 x ±0.13 (x ±0.051	METRAL POWER I	HEADER -FIT	o ∟	89099	r e v
			$\pm 2$   www.fci.com   $\alpha$	at. no.	- Product	- Customer D	rw sheet 5 of 6	<u>&gt;</u>

ſ		CONTACT CODE			CONTACT CODE		2	NOTES:		3		4		$\neg$
А	METRAL P/N 89099-X65 SEE NOTE IO LEAD FREE OPTION	C P03 P03 B P03 P03	89099-	N ROW E D C	MOD. I I 2 P03 P03 P16 P16 P16 P16 P16 P16			I. FOR D 2. BODY PC	MATERIAL: LYMER 30	B SEE SHEET 2 AND UP LIQUID CRYSTAL % GLASS. DANT ACC. UL 94-VO.				A
	METRAL P/N 89099-X66	A   P03   P03	METR P/1	N ROW - X70 E D	P03 P03  CONTACT CODE MOD. 1  1 2  P01 P01  P03 P01  P03 P03			4. PLATI 89099 89099 PLATI LEVEL	OSPHOR BR NG ON PRE -XYY IS -XYYLF IS NG ON CON SHOWN IN	SS-FIT TAIL: SNPb SN (LEAD FREE) TACT AREA CONFORMS TO TABLE.	) PERFORMANCE			
В	89099-X66LF  METRAL P/N  89099-X67	B P02 P02 A P17 P17  CONTACT CODE MOD. 1  ROW 1 2  E P01 P01 D P02 P02 C P02 P02 B P03 P03	89099-3 METR P/I 89099-3	X70LF B A A ROW ROW C C C C C C C C C C C C C C C C C C C	P03 P03 P03 P02  CONTACT CODE MOD. I I 2 P03 P03 P03 P03 P03 P03 P03 P02 P03 P02			PA 6. ALL PR SUBSEG IF TRA WILL B EXAMPL 7. PRODUC APPLIC  8. AFTER	ODUCTS WI UENT TABL Y PACKAGI E ADDED T E: XXXXX- T SPECIFI ATION SPE	DESIGNATION & BATCH TH PART NUMBERS SHOW ES WILL BE PACKAGED NG IS REQUIRED, A SUI O THE END OF THE PAR' XXXP OR XXXXX-XXXPLF  CATION GS-12-180 CIFICATION BUS-20-07! INTO CIRCUIT BOARD N	N IN IN TUBES. FFIX "P" I NUMBER.			В
ght FCI.	METRAL P/N 89099-X68 89099-X68LF	ROW   I   2   E   P01   P02   P02   C   P02   P02   B   P03   P0	METR P/1	N ROW E D C	P03 P03  CONTACT CODE MOD. 1  1 2  P01 P01  P02 P02  P16 P16   P02 P02			EUROP AS DE (10.) FOR L EXAMP 11. ALL P 60 SE	EAN UNION SCRIBED I EAD FREE LE: 89099 RODUCTS W	ERE THE PART NUMBER I DIRECTIVES AND OTHER N GS-22-008. PART NUMBERS, ADD AN -XOILF TILL WITHSTAND EXPOSUI CONVECTION, INFAR-REI	R COUNTRY REGULATIONS "LF" SUFFIX. RE TO 260°C FOR			С
Copyri		spec ref tolerance std ISO 406 ISO 1101 surface 3/2	OTHERW	VISE SF	UNLESS PECIFIED ±0.3 ±0.13	chr	Terran Huang Andy Lu Sun Richard Pei-Ming Zheng	⊕ METRAL		projection  —————  product family  R HEADER	METRA  Ou  66  MP	size A4 ecn no AL rel level 89099	scale  :  ELX-DG-16119-1   Released   rev	,
	Pro/E		angular	0.XXX 0°	±0.051 ±2°	www.	fci.com	+ I MOD, 5	KOW PR	- Pr	oduct - Custor	mer Drw STATUS:Released	sheet 6 of 6  Printed: Oct 25,	