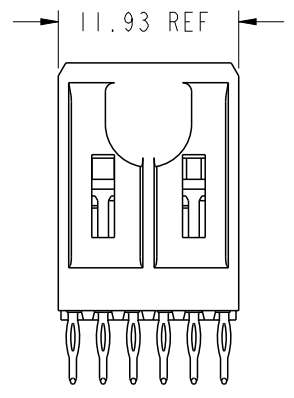
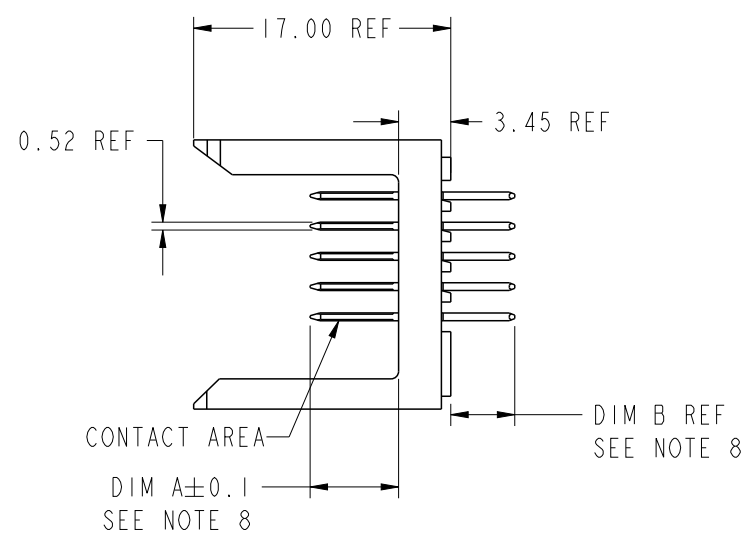
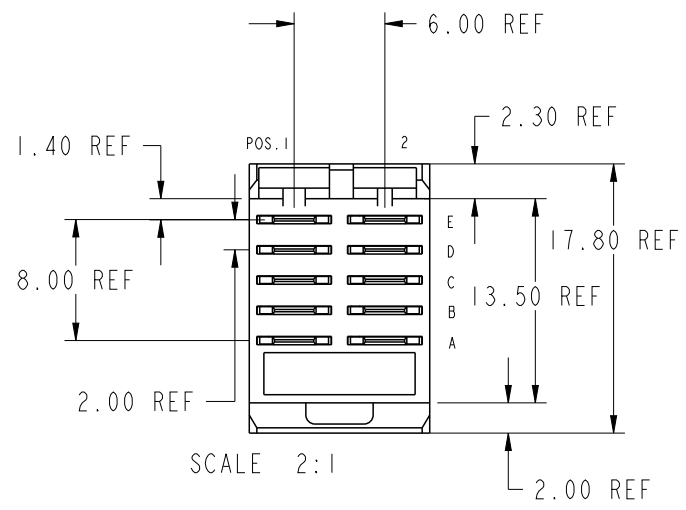


PRODUCT NUMBER
89099-XXX
89099-XXYLF



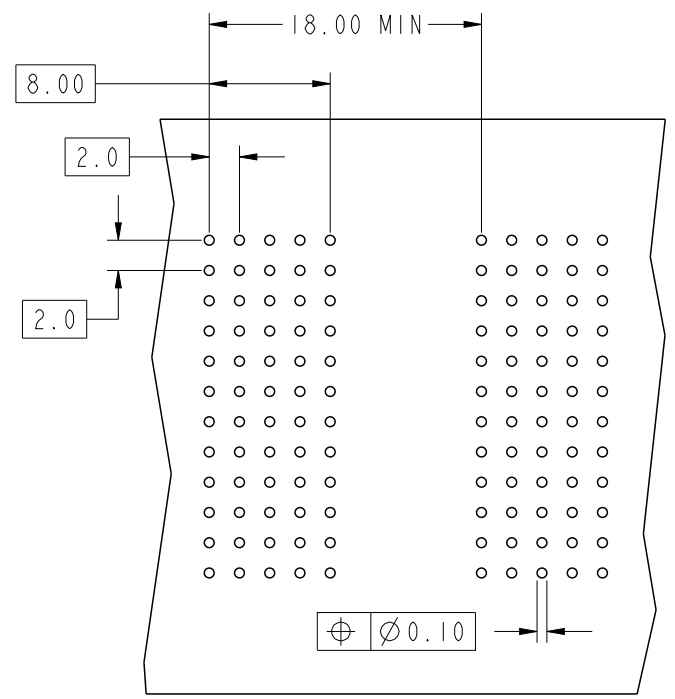
PLATING IN CONTACT AREA		
DASH NUMBER	PERFORMANCE LEVEL	NOTES
-1YY	TELCORDIA CO	-
-2YY	TELECOM CLASS	-
-3YY	IEC CLASS I	-
-5YY	TELCORDIA UE	-
-1YYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

spec ref		*		dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	2:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Andy Lu	2013/10/22			ecn no	ELX-DG-16119-1				
ISO 406 ISO 1101				chr	Sun Richard	2013/10/24			rel level			Released		
				appr	Pei-Ming Zheng	2013/10/24	product family		METRAL					
surface		3.200 linear 	0.X	±0.3		title	METRAL POWER HEADER I MOD, 5 ROW PRESS-FIT				dwg no	89099		rev
			0.XX	±0.13										
			0.XXX	±0.051										
ISO 1302		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 1 of 6		AW

Print File - REV C - 2009-06-09



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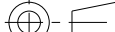


SCALE 2:1

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE

SEE PRINT 58351 FOR ADDITIONAL
PCB INFORMATION.

KEY		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
P01	6.50	4.30
P02	7.25	4.30
P03	8.00	4.30
P04	6.50	13.60
P05	7.25	13.60
P06	8.00	13.60
P07	6.50	17.00
P08	7.25	17.00
P09	8.00	17.00
PI6	5.00	4.30
PI7	5.75	4.30

spec ref *				dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	2:1		
tolerance std				eng	Andy Lu	2013/10/22			ecn no				ELX-DG-16119-1	
ISO 406 ISO 1101				chr	Sun Richard	2013/10/24			rel level				Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr	Pei-Ming Zheng	2013/10/24			product family				METRAL	
surface 3.200 linear  ISO 1302		0.X	±0.3		title	METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no	89099		rev	AW
		0.XX	±0.13											
		0.XXX	±0.051											
angular				0°	±2°	www.fci.com	cat. no.		Product - Customer Drw				sheet 2 of 6	

A

B

C

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D

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X01 SEE NOTE 10 LEAD FREE OPTION	E	PI6	PI6
	D	PI6	PI6
	C	PI6	PI6
	B	PI6	PI6
	A	PI6	PI6

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X02 SEE NOTE 10 LEAD FREE OPTION	E	PI6	PI6
	D	PI6	PI6
	C	PI6	PI6
	B	PI6	PI6
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X03 SEE NOTE 10 LEAD FREE OPTION	E	PI7	PI7
	D	P01	P01
	C	PI7	PI7
	B	PI7	PI7
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X04 SEE NOTE 10 LEAD FREE OPTION	E	PI7	PI7
	D	PI7	PI7
	C	PI7	PI7
	B	P02	P02
	A	PI7	PI7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X05 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P02	P02
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X06 SEE NOTE 10 LEAD FREE OPTION	E	PI7	PI7
	D	PI7	PI7
	C	PI7	PI7
	B	PI7	PI7
	A	PI7	PI7

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X07 SEE NOTE 10 LEAD FREE OPTION	E	P02	P02
	D	P02	P02
	C	P02	P02
	B	P02	P02
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X10 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P02	P02
	B	P03	P03
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X11 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P01	P01
	B	P01	P01
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X12 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P01	P01
	B	P03	P03
	A	P01	P01

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X13 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P02	P02
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X14 SEE NOTE 10 LEAD FREE OPTION	E	P03	P03
	D	P03	P03
	C	P03	P03
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X15 SEE NOTE 10 LEAD FREE OPTION	E	P02	P02
	D	P02	P02
	C	P02	P02
	B	P02	P02
	A	P02	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X16 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P02	P02
	B	P02	P02
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X17 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P01	P01
	B	P01	P01
	A	P03	P03

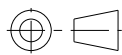
METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X18 SEE NOTE 10 LEAD FREE OPTION	E	P01	P01
	D	P01	P01
	C	P03	P03
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X20 SEE NOTE 10 LEAD FREE OPTION	E	P04	P04
	D	P04	P04
	C	P05	P05
	B	P06	P06
	A	P05	P05

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X21 SEE NOTE 10 LEAD FREE OPTION	E	P04	P04
	D	P04	P04
	C	P04	P04
	B	P04	P04
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X22 SEE NOTE 10 LEAD FREE OPTION	E	P04	P04
	D	P04	P04
	C	P04	P04
	B	P06	P06
	A	P04	P04

METRAL P/N	ROW	CONTACT CODE MOD. I	
		I	2
89099-X23 SEE NOTE 10 LEAD FREE OPTION	E	P04	P04
	D	P04	P04
	C	P05	P05
	B	P06	P06
	A	P06	P06

spec ref		*		dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Andy Lu	2013/10/22			ecn no		ELX-DG-16119-1	
ISO 406 ISO 1101				chr	Sun Richard	2013/10/24			rel level		Released	
				appr	Pei-Ming Zheng	2013/10/24	product family		METRAL			
surface 3.200 linear		0.X ±0.3			title METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT			dwg no	89099		rev A1	
		0.XX ±0.13										
		0.XXX ±0.051										
ISO 1302		angular	0° ±2°	www.fci.com	cat. no.		-	Product - Customer Drw			sheet 3 of 6	



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spec ref		*		dr	Terran Huang	2010/07/08	projection 	mm 	size	A4	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Andy Lu	2013/10/22			ecn no	ELX-DG-16119-1		
ISO 406				chr	Sun Richard	2013/10/24			rel level	Released		
ISO 1101				appr	Pei-Ming Zheng	2013/10/24			product family	METRAL		
surface		3.2	linear	0.X	±0.3		title	METRAL POWER HEADER	dwg no	89099	rev	AW
		0.XX	±0.13									
		0.XXX	±0.051									
ISO 1302		angular	0°	±2°	www.fci.com		cat. no.	-	Product - Customer Drw		sheet 4 of 6	

Part E File - REV C - 2009-06-09

PDS: Rev :AW

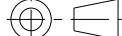
STATUS:Released

Printed: Oct 25, 2013



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1				2				3				4																					
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			I	2				I	2				I	2				I	2														
89099-X45		E	P03	P03	89099-X49		E	P02	P02	89099-X53		E	P05	P05	89099-X57		E	P03	P03	89099-X61		E	P03	P03									
SEE NOTE 10 LEAD FREE OPTION		D	P02	P02	SEE NOTE 10 LEAD FREE OPTION		D	P03	P03	SEE NOTE 10 LEAD FREE OPTION		D	P05	P05	SEE NOTE 10 LEAD FREE OPTION		D	P01	P01	SEE NOTE 10 LEAD FREE OPTION		D	P03	P03									
		C	P17	P17			SEE NOTE 10 LEAD FREE OPTION		C			P03	P03	SEE NOTE 10 LEAD FREE OPTION			C	P01	P01			SEE NOTE 10 LEAD FREE OPTION		C	P02	P02							
		B	P17	P17					SEE NOTE 10 LEAD FREE OPTION			B	P03				P03	SEE NOTE 10 LEAD FREE OPTION						B	P01	P01	SEE NOTE 10 LEAD FREE OPTION		B	P01	P01		
		A	P17	P17								SEE NOTE 10 LEAD FREE OPTION					A							P02	P02	SEE NOTE 10 LEAD FREE OPTION			A	P04	P04	SEE NOTE 10 LEAD FREE OPTION	
METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I										
			I	2				I	2				I	2				I	2				I	2									
89099-X46		E	P03	P03	89099-X50		E	P01	P01	89099-X54		E	P02	P02	89099-X58		E	P01	P01	89099-X62		E	P06	P06									
SEE NOTE 10 LEAD FREE OPTION		D	P03	P03	SEE NOTE 10 LEAD FREE OPTION		D	P01	P01	SEE NOTE 10 LEAD FREE OPTION		D	P02	P02	SEE NOTE 10 LEAD FREE OPTION		D	P03	P03	SEE NOTE 10 LEAD FREE OPTION		D	P05	P05									
		C	P01	P01			SEE NOTE 10 LEAD FREE OPTION		C			P03	P03	SEE NOTE 10 LEAD FREE OPTION			C	P01	P01			SEE NOTE 10 LEAD FREE OPTION		C	P05	P05							
		B	P03	P03					SEE NOTE 10 LEAD FREE OPTION			B	P01				P01	SEE NOTE 10 LEAD FREE OPTION						B	P03	P03	SEE NOTE 10 LEAD FREE OPTION		B	P06	P06		
		A	P01	P01								SEE NOTE 10 LEAD FREE OPTION					A							P01	P01	SEE NOTE 10 LEAD FREE OPTION			A	P01	P01	SEE NOTE 10 LEAD FREE OPTION	
METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I										
			I	2				I	2				I	2				I	2				I	2									
89099-X47		E	P01	P01	89099-X51		E	P01	P01	89099-X55		E	P02	P02	89099-X59		E	P16	P16	89099-X63		E	P01	P01									
SEE NOTE 10 LEAD FREE OPTION		D	P01	P01	SEE NOTE 10 LEAD FREE OPTION		D	P01	P01	SEE NOTE 10 LEAD FREE OPTION		D	P02	P02	SEE NOTE 10 LEAD FREE OPTION		D	P03	P03	SEE NOTE 10 LEAD FREE OPTION		D	P02	P02									
		C	P02	P02			SEE NOTE 10 LEAD FREE OPTION		C			P16	P16	SEE NOTE 10 LEAD FREE OPTION			C	P03	P03			SEE NOTE 10 LEAD FREE OPTION		C	P01	P01							
		B	P03	P03					SEE NOTE 10 LEAD FREE OPTION			B	P01				P01	SEE NOTE 10 LEAD FREE OPTION						B	P03	P03	SEE NOTE 10 LEAD FREE OPTION		B	P02	P02		
		A	P02	P02								SEE NOTE 10 LEAD FREE OPTION					A							P01	P01	SEE NOTE 10 LEAD FREE OPTION			A	P03	P03	SEE NOTE 10 LEAD FREE OPTION	
METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I		METRAL P/N		ROW	CONTACT CODE MOD. I										
			I	2				I	2				I	2				I	2				I	2									
89099-X48		E	P04	P04	89099-X52		E	P03	P03	89099-X56		E	P05	P05	89099-X60		E	P01	P01	89099-X64		E	P02	P02									
SEE NOTE 10 LEAD FREE OPTION		D	P04	P04	SEE NOTE 10 LEAD FREE OPTION		D	P02	P02	SEE NOTE 10 LEAD FREE OPTION		D	P05	P05	SEE NOTE 10 LEAD FREE OPTION		D	P01	P01	SEE NOTE 10 LEAD FREE OPTION		D	P02	P02									
		C	P06	P06			SEE NOTE 10 LEAD FREE OPTION		C			P03	P03	SEE NOTE 10 LEAD FREE OPTION			C	P05	P05			SEE NOTE 10 LEAD FREE OPTION		C	P01	P01							
		B	P04	P04					SEE NOTE 10 LEAD FREE OPTION			B	P03				P03	SEE NOTE 10 LEAD FREE OPTION						B	P05	P05	SEE NOTE 10 LEAD FREE OPTION		B	P03	P03		
		A	P04	P04								SEE NOTE 10 LEAD FREE OPTION					A							P03	P03	SEE NOTE 10 LEAD FREE OPTION			A	P04	P04	SEE NOTE 10 LEAD FREE OPTION	

spec ref *				dr	Terran Huang	2010/07/08	projection 		size	A4	scale	1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Andy Lu	2013/10/22			ecn no	ELX-DG-16119-1		
				chr	Sun Richard	2013/10/24			product family	METRAL	rel level	Released
				appr	Pei-Ming Zheng	2013/10/24						
surface 3.2 ISO 1302		linear	0.X	±0.3		title METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT	dwg no	89099			rev AV	
			0.XX	±0.13								
			0.XXX	±0.051								
angular		0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 5 of 6		



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METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
89099-X65 SEE NOTE 10 LEAD FREE OPTION	E	P17	P17
	D	P03	P03
	C	P03	P03
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
89099-X66 ----- 89099-X66LF	E	P17	P17
	D	P17	P17
	C	P02	P02
	B	P02	P02
	A	P17	P17

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
89099-X67 ----- 89099-X67LF	E	P01	P01
	D	P02	P02
	C	P02	P02
	B	P03	P03
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
89099-X68 ----- 89099-X68LF	E	P01	P01
	D	P02	P02
	C	P02	P02
	B	P02	P02
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
89099-X69 ----- 89099-X69LF	E	P03	P03
	D	P16	P16
	C	P16	P16
	B	P16	P16
	A	P03	P03

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
89099-X70 ----- 89099-X70LF	E	P01	P01
	D	P03	P01
	C	P03	P03
	B	P03	P03
	A	P03	P02

METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
89099-X71 ----- 89099-X71LF	E	P03	P03
	D	P03	P03
	C	P03	P02
	B	P03	P02
	A	P03	P03

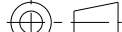
METRAL P/N	ROW	CONTACT CODE MOD. I	
		1	2
89099-X72 ----- 89099-X72LF	E	P01	P01
	D	P02	P02
	C	P16	P16
	B	-	-
	A	P02	P02

NOTES:

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

POLYMER 30 % GLASS.

FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL:
89099 -XXX IS SnPb
89099-XXYLF IS SN (LEAD FREE)
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- 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 OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-075
- AFTER INSERTION INTO CIRCUIT BOARD WITH
QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS
AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.
EXAMPLE: 89099-X01LF
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR
60 SECONDS IN CONVECTION, INFAR-RED OR VAPOR PHASE
REFLOW OVEN.

spec ref *				dr Terran Huang2010/07/08		projection 	mm 	size A4	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng Andy Lu2013/10/22				ecn no ELX-DG-16119-1	
				chr Sun Richard2013/10/24				rel level Released	
				appr Pei-Ming Zheng2013/10/24					
surface 3.200 linear		0.X ±0.3		title METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT			dwg no 89099	rev AV	
		0.XX ±0.13							
ISO 1302		0.XXX ±0.051							
angular 0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw		sheet 6 of 6	

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Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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