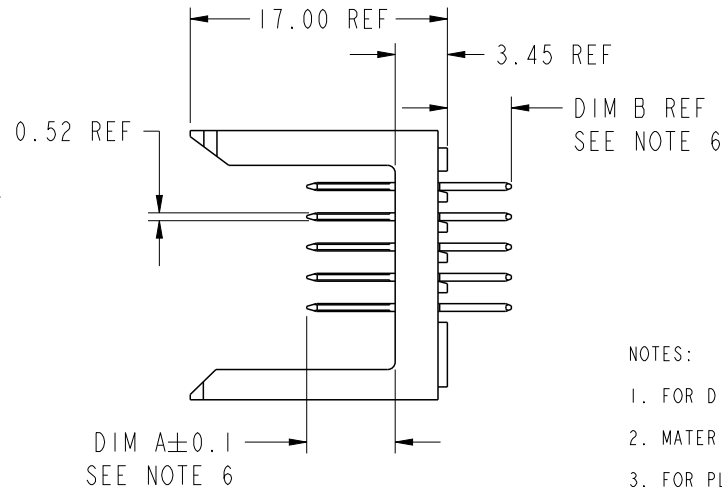
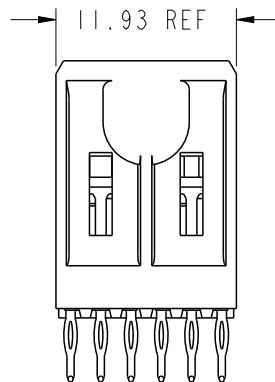
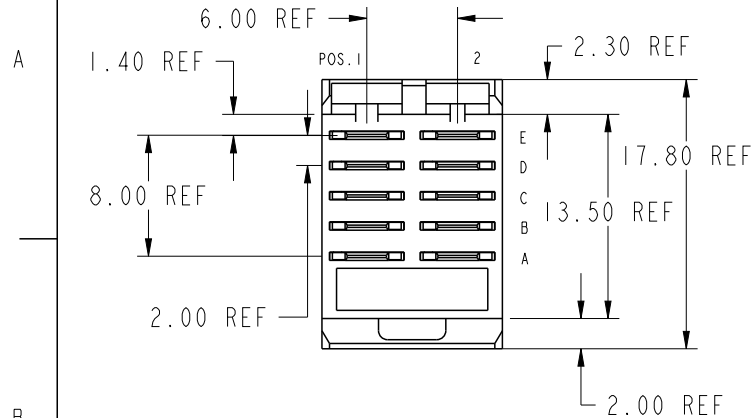
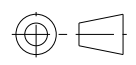


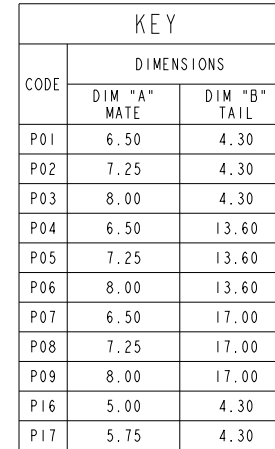
PRODUCT NUMBER
89099-XYPLF

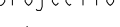


NOTES:

1. FOR DIM A AND B SEE SHEET 2 AND UP.
2. MATERIAL: BODY : LCP UL94-V0
CONTACT: COPPER ALLOY
3. FOR PLATING PERFORMANCE REFER DRAWING #10159408 
4. 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-XXXPPLF
5. PRODUCT SPECIFICATION GS-12-180
APPLICATION SPECIFICATION BUS-20-075
6. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
7. THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
8. ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN CONVECTION, INFAR-RED OR VAPOR PHASE REFLOW OVEN.
9. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION

spec ref	*	dr	Terran Huang	2010/07/09	projection	mm	size	A4	scale	2:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Narayanan, Aru	2020/11/12			ecn no	ELX-I-37689-1		
ISO 406		chr	-	-			rel level	Released		
ISO 1101		appr	Kuriakose, San	2020/11/16	product family	METRAL				
surface	3.200 linear				title	METRAL POWER HEADER	dwg no	89099	rev	AX
ISO 1302	angular				1 MOD, 5 ROW PRESS-FIT					
	0.X ±0.3	Amphenol FCI			cat. no.	-	Product - Customer Drw	sheet 1 of 6		
	0.XX ±0.13	www.fci.com								
	0.XXX ±0.051									
	0° ±2°									



spec ref		*		dr	Terran Huang	2010/07/09	projection 	mm 	size	A4	scale	2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Narayanan, Aru	2020/11/12			ecn no	ELX-I-37689-1			
ISO 406 ISO 1101				chr	-	-							
				appr	Kuriakose, San	2020/11/16			product family		METRAL		rel level
surface	3.200 linear 	0.X	±0.3	Amphenol FCI	title	METRAL POWER HEADER	dwg no	89099	rev	AX			
		0.XX	±0.13										
		0.XXX	±0.051										
ISO 1302	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 2 of 6			

Creo File - REV E - 2016-02-12

A

B

C

D

METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X24LF E P06 P06 D P06 P06 C P06 P06 B P06 P06 A P06 P06	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X28LF E P04 P04 D P04 P04 C P06 P06 B P06 P06 A P06 P06	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X33LF E P07 P07 D P07 P07 C P08 P08 B P09 P09 A P09 P09	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X37LF E P07 P07 D P07 P07 C P07 P07 B P07 P07 A P09 P09	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X41LF E P01 P01 D P03 P03 C P03 P03 B P03 P03 A P02 P02
METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X25LF E P05 P05 D P05 P05 C P05 P05 B P05 P05 A P05 P05	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X30LF E P07 P07 D P07 P07 C P08 P08 B P09 P09 A P08 P08	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X34LF E P09 P09 D P09 P09 C P09 P09 B P09 P09 A P09 P09	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X38LF E P07 P07 D P07 P07 C P09 P09 B P09 P09 A P09 P09	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X42LF E P01 P01 D P02 P02 C P02 P02 B P02 P02 A P01 P01
METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X26LF E P04 P04 D P04 P04 C P05 P05 B P05 P05 A P06 P06	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X31LF E P07 P07 D P07 P07 C P07 P07 B P07 P07 A P07 P07	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X35LF E P08 P08 D P08 P08 C P08 P08 B P08 P08 A P08 P08	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X39LF E P03 P03 D P01 P01 C P01 P01 B P01 P01 A P01 P01	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X43LF E P03 P03 D P03 P03 C P03 P03 B P02 P02 A P02 P02
METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X27LF E P04 P04 D P04 P04 C P04 P04 B P04 P04 A P06 P06	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X32LF E P07 P07 D P07 P07 C P07 P07 B P09 P09 A P07 P07	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X36LF E P07 P07 D P07 P07 C P08 P08 B P08 P08 A P09 P09	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X40LF E P02 P02 D P01 P01 C P02 P02 B P01 P01 A P02 P02	METRAL P/N ROW CONTACT CODE MOD. I I2 89099-X44LF E P03 P03 D P03 P03 C P03 P03 B P16 P16 A P03 P03

spec ref *				dr	Terran Huang	2010/07/09	projection		mm	size	A4	scale	1:1			
tolerance std				eng	Narayanan, Aru	2020/11/12				ecn no				ELX-I-37689-1		
ISO 406				chr	-	-				rel level				Released		
ISO 1101				TOLERANCES UNLESS OTHERWISE SPECIFIED		appr				Kuriakose, San	2020/11/16	product family		METRAL		
surface		3.200 linear	0.X ±0.3	Amphenol FCI		title		METRAL POWER HEADER				dwg no		89099	rev	AX
ISO 1302		angular	0° ±2°	www.fci.com		cat. no.		-				Product - Customer Drw		sheet 4 of 6		

spec ref *		dr Terran Huang		2010/07/09		projection		size A4		scale 1:1			
tolerance std		eng Narayanan, Aru		2020/11/12				mm		ecn no ELX-I-37689-1			
ISO 406 ISO 1101		chr -		-				← →		rel level Released			
surface 3.200 ✓		appr Kuriakose, San		2020/11/16		product family METRAL				rev			
ISO 1302		angular 0°		±2°		title METRAL POWER HEADER 1 MOD, 5 ROW PRESS-FIT				dwg no 89099		AX	
www.fci.com		cat. no.		-		Product - Customer Drw				sheet 5 of 6			

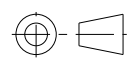
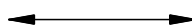
A

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D

1				2				3				4			
METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I		METRAL P/N	ROW	CONTACT CODE MOD. I					
		1	2			1	2			1	2				
89099-X65LF	E	P17	P17	89099-X69LF	E	P03	P03	89099-X73LF	E	P03	P02				
	D	P03	P03		D	P16	P16		D	P03	P02				
	C	P03	P03		C	P16	P16		C	P03	P03				
	B	P03	P03		B	P16	P16		B	P03	P03				
	A	P03	P03		A	P03	P03		A	P16	P03				
89099-X66LF	E	P17	P17	89099-X70LF	E	P01	P01	89099-X74LF	E	P02	P16				
	D	P17	P17		D	P03	P01		D	P02	P02				
	C	P02	P02		C	P03	P03		C	P02	P02				
	B	P02	P02		B	P03	P03		B	P02	P02				
	A	P17	P17		A	P03	P02		A	P02	P02				
89099-X67LF	E	P01	P01	89099-X71LF	E	P03	P03								
	D	P02	P02		D	P03	P03								
	C	P02	P02		C	P03	P02								
	B	P03	P03		B	P03	P02								
	A	P03	P03		A	P03	P03								
89099-X68LF	E	P01	P01	89099-X72LF	E	P01	P01								
	D	P02	P02		D	P02	P02								
	C	P02	P02		C	P16	P16								
	B	P02	P02		B	-	-								
	A	P03	P03		A	P02	P02								

spec ref	*	dr	Terran Huang	2010/07/09	projection 	mm 	size	A4	scale	1:1	
tolerance std		eng	Narayanan, Aru	2020/11/12			ecn no	ELX-I-37689-1			
ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-			rel level	Released			
surface	3.200 linear	appr	Kuriakose, San	2020/11/16	product family			METRAL		rev	AX
ISO 1302	angular	0°	±2°	cat. no.	Product - Customer Drw			sheet 6 of 6			

Mouser Electronics

Authorized Distributor

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