

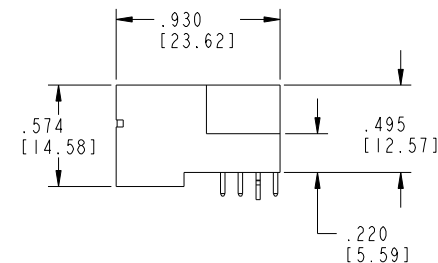
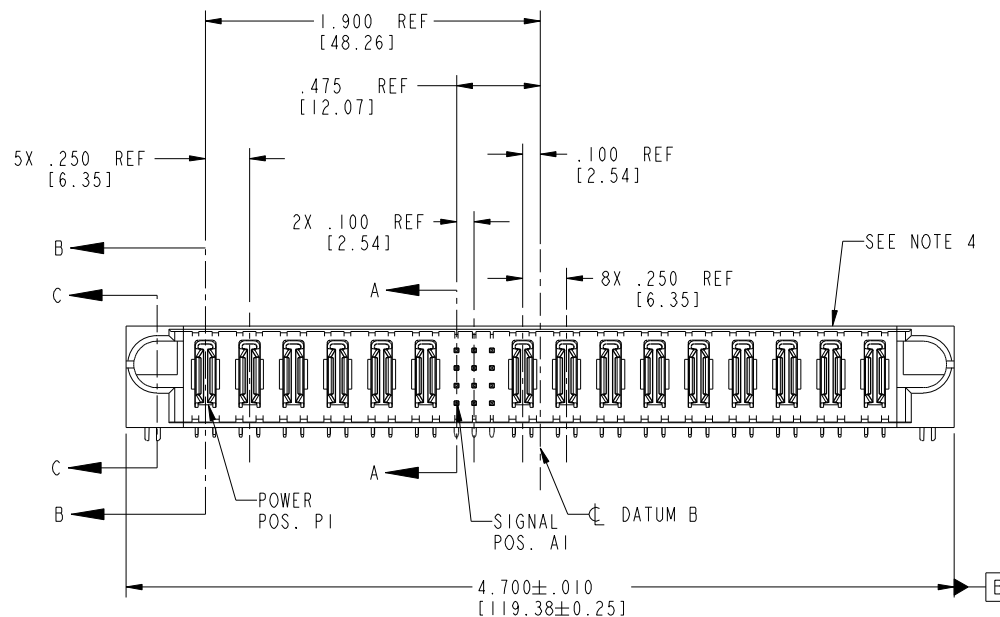


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
U	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
R	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
E	.220 [5.59]	SIGNAL

PRODUCT NO.	ROWS	POWER						SGN			POWER										E2
		E1	P1	P2	P3	P4	P5	P6	1	2	3	P7	P8	P9	P10	P11	P12	P13	P14	P15	
51730-107-- NOTE: ③	D C B A		PA	PA	PA	PA	PA	PA	U U U T T T S S S R R R E			PA	PA	PA	PA	PA	PA	PA	PA	PA	



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		projection		title	6P + 12S + 9P
A	DG04-0086	LH	11/24/04				.XXX±.005/0.XX±0.13					RIGHT ANGLE SOLDER HEADER	
B	DG05-0227	SJ	07/15/05			angles	.XXX±.0020/0.XXX±0.051					product family	PwrBlade
C	DG05-0463	CS	11/14/05			dr	0°±2°					size	213
D	DG08-0253	SH	09/13/08			enrg	LH 11/24/04					dwg no	51730-107
						chr	LH 11/24/04					scale	1:1
						appd	VICTOR LIN 11/24/04					sheet	1 of 4
							JOSEPH HSIA 11/24/04						
sheet index	revision sheet	D	D	D	D								
		1	2	3	4								

sheet index

revision sheet

Pro/E

3

cage code 22526

4



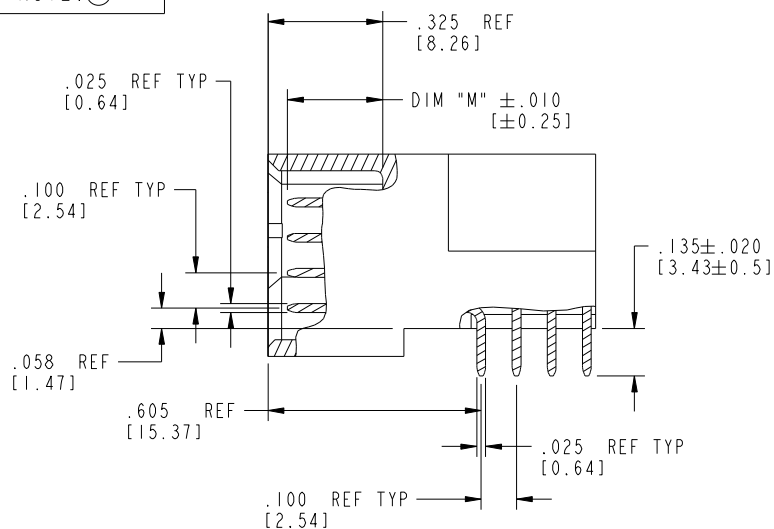
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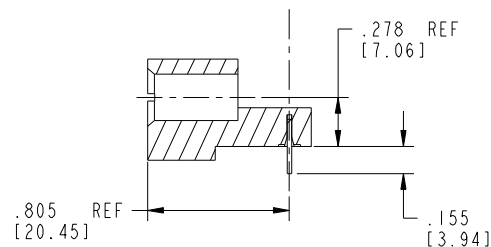
B

A

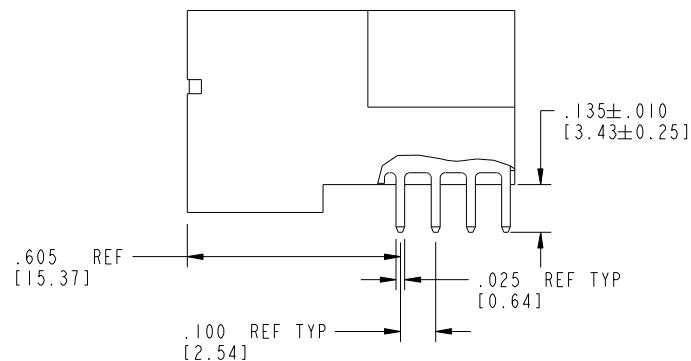
PRODUCT NUMBER
51730-107--
NOTE:③



BROKEN-OUT SECTION A-A
SCALE 2:1

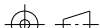


SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

A

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com								
litr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$			COPY					title											
D					$.XXX \pm .005 / 0.XX \pm 0.13$			projection					6P + 12S + 9P											
					$.XXX \pm .0020 / 0.XXX \pm 0.051$								RIGHT ANGLE SOLDER HEADER											
				angles	$0^\circ \pm 2^\circ$																			
				dr	LH	11/24/04			INCH/MM				product family				PwrBlade				code			
				enrg	LH	11/24/04							size				dwg no				213			
				chr	VICTOR LIN			11/24/04			scale				A				51730-107				sheet	
				appd	JOSEPH HSIA			11/24/04															1:1	
sheet index		revision sheet																						

B

1 | 2

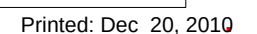
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1		2		3		4	
PRODUCT NUMBER							
51730-107--							
NOTE:③							
NOTES:							
1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.							
CONNECTOR NOTES:							
2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC POWER CONTACT MATERIAL: COPPER ALLOY SIGNAL PIN MATERIAL: COPPER ALLOY							
③ PLATING: SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51730-107 AND 51730-107LF RESPECTIVELY							
4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.							
5. PRODUCT SPECIFICATION GS-12-149. APPLICATION SPECIFICATION BUS-20-067.							
6. PACKAGED IN TRAYS.							
PCB NOTES:							
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.							
8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.							
9. $\varnothing .0453 \pm .0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH .0003 [0.008] MIN SnPb OVER .001 [0.03] TO .003 [0.08] Cu PLATING TO ACHIEVE $\varnothing .040 \pm .003$ [1.02 $\pm$.07] HOLE.							
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.							
11. CONNECTOR KEEP-OUT ZONE.							
12. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT DRAWING VERSION.							
mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	
ltr	ecn no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3	COPY	
D					.XXX $\pm$.005/0.XX $\pm$ 0.13	projection	
				angles	.XXX $\pm$.0020/0.XXX $\pm$ 0.051		
				dr	0 $\pm$ 2°		
				enr	LH 11/24/04	product family PwrBlade	
				chr	LH 11/24/04	size dwg no	
				appd	VICTOR LIN 11/24/04	A 51730-107	
					JOSEPH HSIA 11/24/04	code 213	
sheet index	revision sheet					sheet 4 of 4	

1 2

Pro/E

3

cage code 22526

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Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[51730-107](#) [51730-107LF](#)