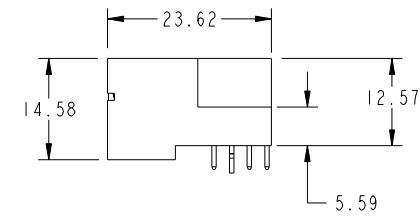
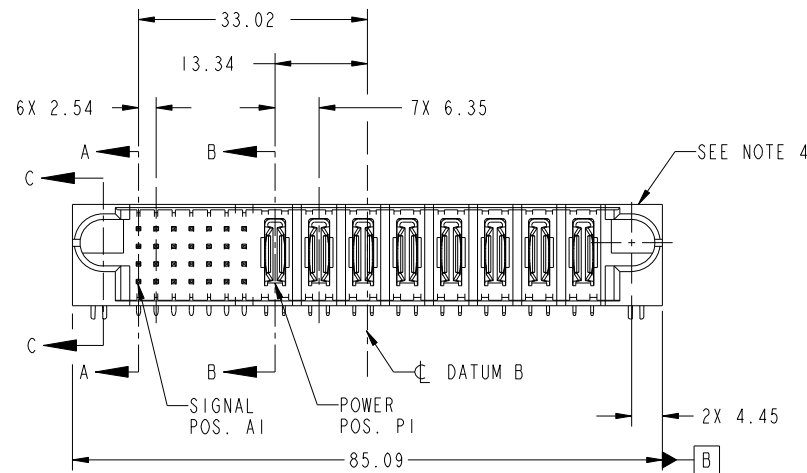


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PRODUCT NO.	ROW S	SIGNAL							POWER								E2	
		E1	1	2	3	4	5	6	7	P1	P2	P3	P4	P5	P6	P7		P8
51731-052-- NOTE 3	D C B A		UUUUUUUU	TTTTTTTT	SSSSSSSS	FFFF				PA	PA	PA	PA	PA	PA	PA	PA	
			UUUUUUUU	TTTTTTTT	SSSSSSSS	FFFF				PA	PA	PA	PA	PA	PA	PA	PA	



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

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY			www.fciconnect.com
A	DG09-0008	WD	01/12/09	linear		0.X ±0.5		projection		title	28S + 8P RIGHT ANGLE SOLDER HEADER
				angles		0.XX ±0.25				product family	PwrBlade
				dr	Warren Du	12/22/08		MIM		size	213
				enrg	Warren Du	12/22/08		scale		dwg no	51731-052
				chr	Gary Hsieh	12/22/08		1:1		sheet	1 of 4
				appd	JOSEPH HSIA	12/22/08					
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

Pro/E

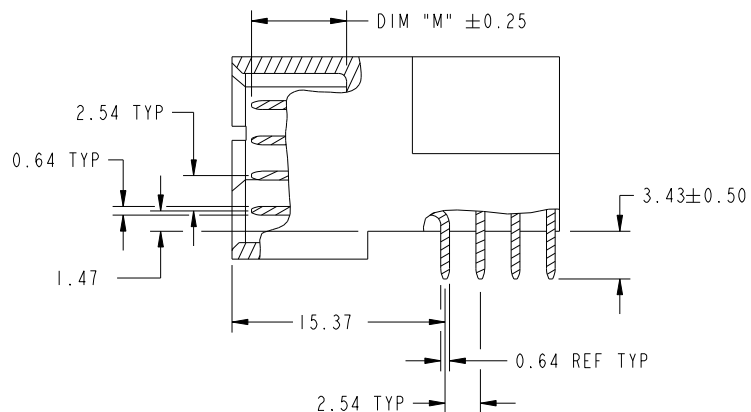
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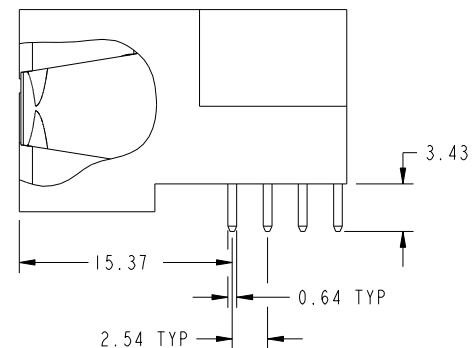


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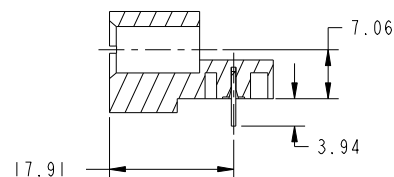
PRODUCT NUMBER
51731-052--
NOTE: 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr no.	dr	date			linear	0.X ± 0.5	COPY		www.fciconnect.com	
A						linear	0.XX ± 0.25	projection		title 28S + 8P	
						angles	0.XXX ± 0.1			RIGHT ANGLE SOLDER HEADER	
						angles	0° ± 2°			product family PwrBlade	
						dr	Warren Du 12/22/08			code 213	
						enr	Warren Du 12/22/08			size dwg no 51731-052	
						chr	Gary Hsieh 12/22/08			sheet 2 of 4	
						appd	JOSEPH HSIA 12/22/08				
sheet index	revision sheet							scale 1:1			

Pro/E

cage code 22526

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[illegible]

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PRODUCT NUMBER
51731-052-- 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. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51731-052 AND 51731-052LF 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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.
10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
11. CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date					COPY		www.fciconnect.com			
A				linear		$0.X \pm 0.5$		projection		title 28S + 8P			
						$0.XX \pm 0.25$				RIGHT ANGLE SOLDER HEADER			
				angles		$0.XXX \pm 0.1$							
						$0^\circ \pm 2^\circ$							
				dr	Warren Du	12/22/08		MIM		product family PwrBlade		code 213	
				enrg	Warren Du	12/22/08				size		sheet 4 of 4	
				chr	Gary Hsieh	12/22/08		scale		dwg no 51731-052			
				appd	JOSEPH HSIA	12/22/08		1:1		A			
sheet index	revision sheet												

cage code 22526

Mouser Electronics

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