



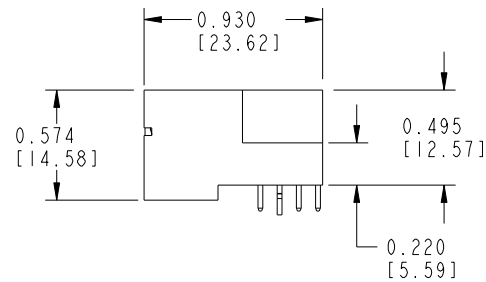
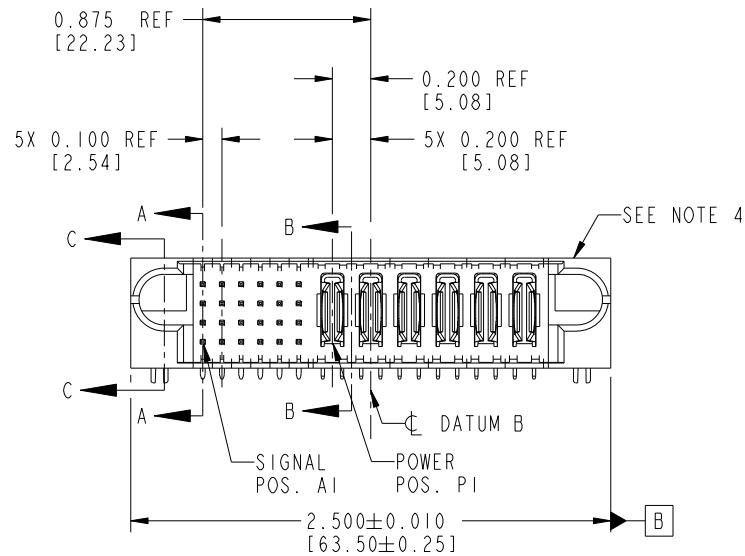


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				1		2												
PRODUCT NO.	ROWS		SIGNAL						POWER									
		E1	1	2	3	4	5	6	P1	P2	P3	P4	P5	P6	E2			
51939-303--	D C B A		UUUUUU															
TTTTTT																		
SSSSSS																		
EEEEEE																		
NOTE (3)																		



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	0.220 [5.59]	SIGNAL
R	0.270 [6.86]	SIGNAL
S	0.270 [6.86]	SIGNAL
T	0.270 [6.86]	SIGNAL
U	0.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
F	0.220 [5.59]	SIGNAL
G	0.220 [5.59]	SIGNAL

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI			
ltr	ecn no.	dr	date	linear	angles	dr	enr	chr	appd	COPY	projection	title	product family
A	DG07-0274	JC	07/03/07	.XX±.01/0.X±0.3	0°±2°	Jerome Chen	06/25/07	Gary Hsieh	06/25/07	projection	INCH/MM	24S + 6P	PwrBlade
B	DG08-0266	W D	09/22/08	.XXX±.005/0.XX±0.13		Jerome Chen	07/03/07	Joseph Hsia	06/25/07	scale	1:1	RIGHT ANGLE SOLDER HEADER	
				.XXXX±.0020/0.XXX±0.051		Gary Hsieh	06/25/07					size	dwg no
												A	51939-303
sheet index	revision sheet	B	B	B	B							code	213
		1	2	3	4							sheet	1 of 4

Pro/E

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

Printed: Dec 20, 2010

1 | 2

3 |

4

PRODUCT NUMBER
51939-303__
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

(B) (3) SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-303 AND 51939-303LF 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 OR Sn 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/B SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				FCI			
ltr		ecn no.		dr		date		linear		.XX \pm .01 / 0.X \pm 0.3		projection		www.fciconnect.com					
B										.XXX \pm .005 / 0.XX \pm 0.13				title					
								angles		.XXX \pm .0020 / 0.XXX \pm 0.051				24S + 6P					
										0° \pm 2°				RIGHT ANGLE SOLDER HEADER					
								dr		Jerome Chen 06/25/07				product family					
								enrg		Jerome Chen 07/03/07				PwrBlade					
								chr		Gary Hsieh 06/25/07				code					
								appd		Joseph Hsia 06/25/07				213					
												scale		sheet					
												1:1		4 of 4					
sheet index		revision sheet																	

1 | 2

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Mouser Electronics

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