

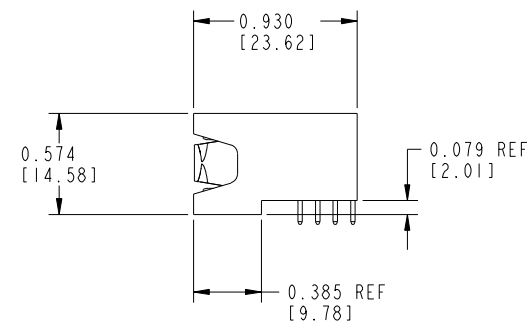
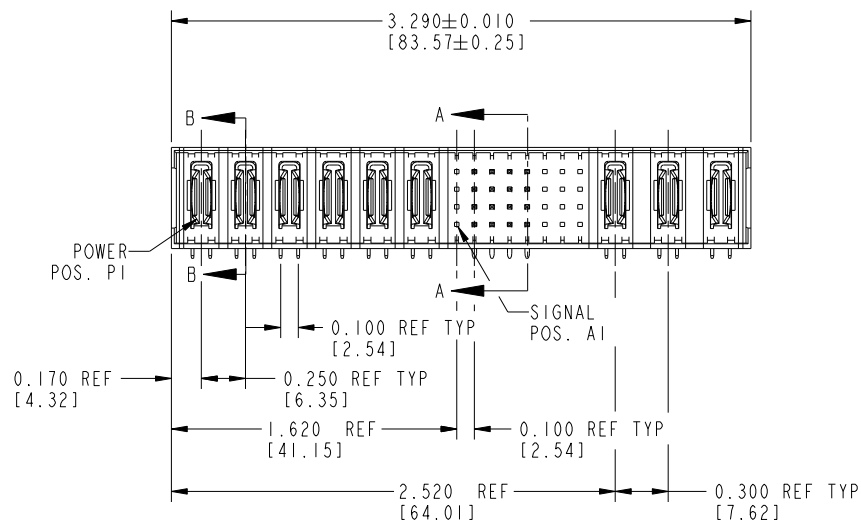


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CODE	DIM "M" MATING LENGTH ±0.010	CONTACT TYPE
H	0.220 [5.59]	SIGNAL
R	0.270 [6.86]	SIGNAL
S	0.270 [6.86]	SIGNAL
T	0.270 [6.86]	SIGNAL
U	0.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
X	OMITTED	OMITTED

PRODUCT No.	ROWS	POWER						SIGNAL								POWER			E2
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	6	7	8	P7	P8	
51935-001__	D C B A		PA	PA	PA	PA	PA	PA	X	H	U	U	X	X	X	X	PA	PA	PA
									X	T	T	T	X	X	X	X			
									X	S	S	S	X	X	X	X			
									X	R	R	R	X	X	X	X			



mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date										
A	V12127	JRW	7/31/01	linear		.XX±.01/0.X±0.3		projection		title	6P + 32S + 3P RIGHT ANGLE SOLDER HEADER		
B	V12156	JRW	8/14/01			.XXX±.005/0.XX±0.13							
C	DG06-0005	JMG	01/06/06	angles		.XXX±.0020/0.XXX±0.051							
D	DG08-0273	WD	12/18/08			0°±2°							
				dr	J. WITMER	7/31/01				product family	PwrBlade	code	213
				enrg	J. ALLISON	7/31/01				size	dwg no	sheet	1 OF 2
				chr	J. ALLISON	7/31/01				scale	1:1		
				appd	J. ALLISON	7/31/01							
sheet index	revision	D	D										
	sheet	I	2										

Pro/E

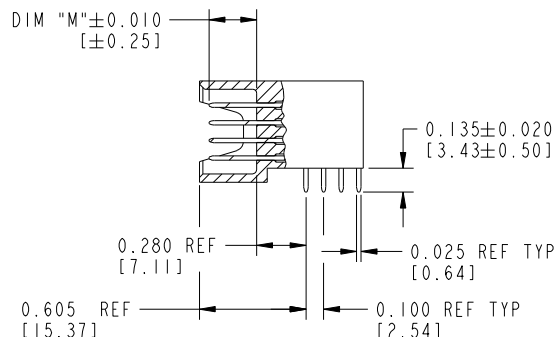
cage code 22526

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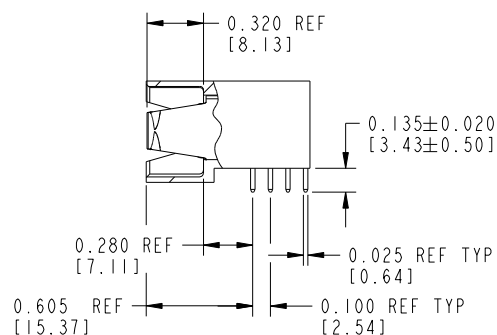


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PRODUCT NUMBER
51935-001__



SECTION A-A



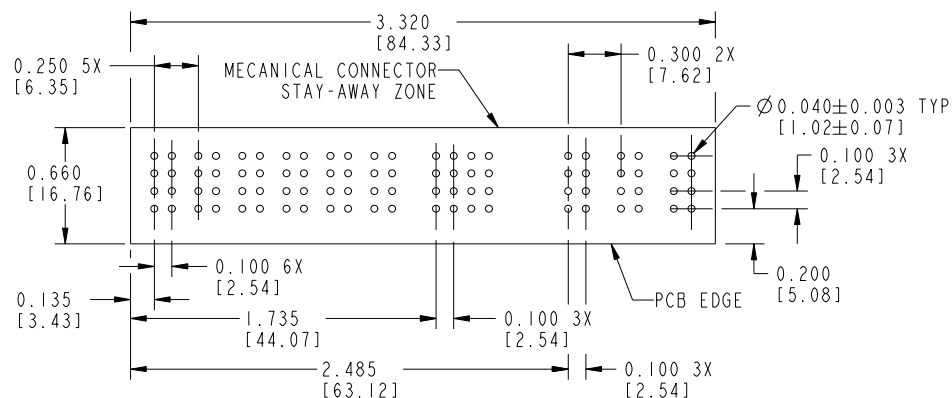
SECTION B-B

CONNECTOR NOTES:

1. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY
2. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51935-001 AND 51935-001LF RESPECTIVELY.
3. "MANUFACTURER'S" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE
4. PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

5. ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
6. ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF $\varnothing 0.004$ [0.10]
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
8. $\varnothing 0.0453 \pm 0.0010$ [1.151 ± 0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A $\varnothing 0.040 \pm 0.003$ [1.02 ± 0.07] HOLE.



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 1		tolerances unless otherwise specified		CUSTOMER COPY		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date			linear	$.XX \pm .01 / 0.X \pm 0.3$	projection		title			6P + 32S + 3P
D							$.XXX \pm .005 / 0.XX \pm 0.13$			RIGHT ANGLE SOLDER HEADER			
						angles	$.XXX \pm .0020 / 0.XXX \pm 0.051$			product family			PwrBlade
						dr	J. WITMER 7/31/01			size			213
						enrg	J. ALLISON 7/31/01			dwg no			51935-001
						chr	J. ALLISON 7/31/01			scale			2
						appd	J. ALLISON 7/31/01			A			
sheet index	revision sheet												

Pro/E

cage code 22526