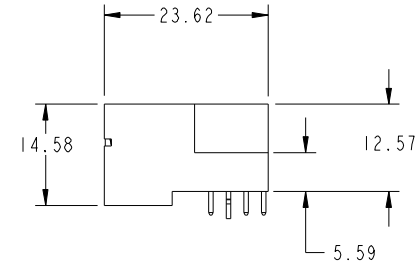
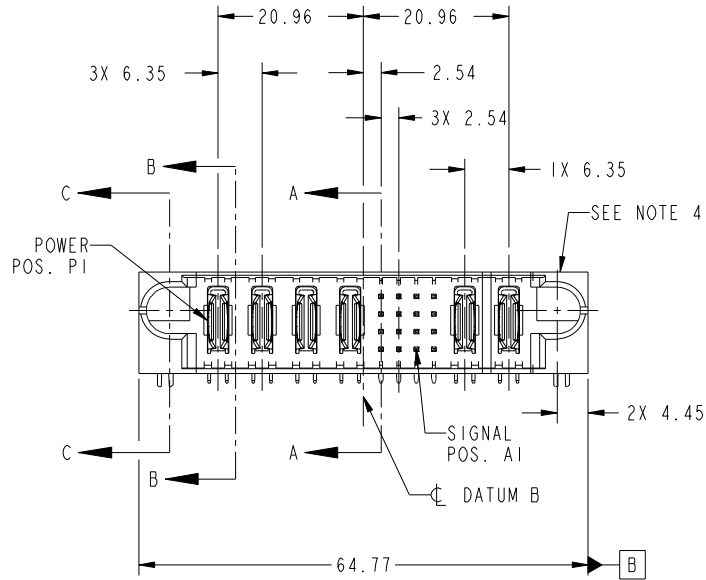


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PRODUCT NO.	ROWS	POWER				SIGNAL				POWER			
		E1	P1	P2	P3	P4	1	2	3	4	P5	P6	E2
51730-175-- NOTE 3	D C B A												



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

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER			
ltr	ecn no.	dr	date	linear	0.X ± 0.5	projection		COPY		www.fciconnect.com	
A	DG10-0160	SM	04/30/10	angles	0.XX ± 0.25			title		4P + 16S + 2P RIGHT ANGLE SOLDER HEADER	
				dr	0.XXX ± 0.1			product family		PwrBlade	code
				enrg	0° ± 2°	scale		size	dwg no	A	213
				chr		1:1		product no		51730-175	
				appd				sheet		1 of 4	
sheet index	revision sheet	A	A	A	A			cage code		22526	
1	2	3	4								

Pro/E

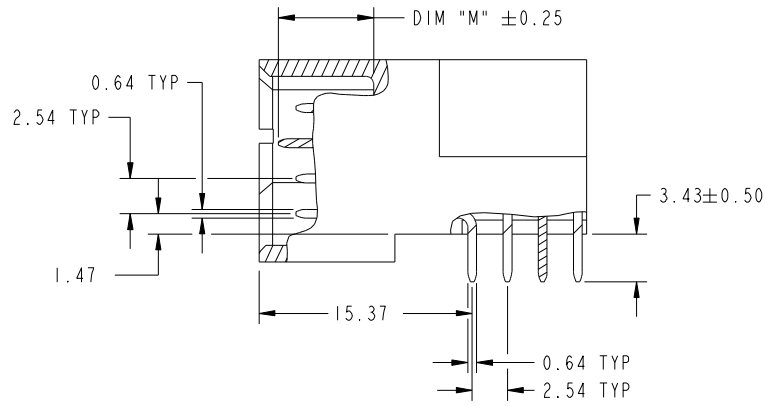
cage code 22526

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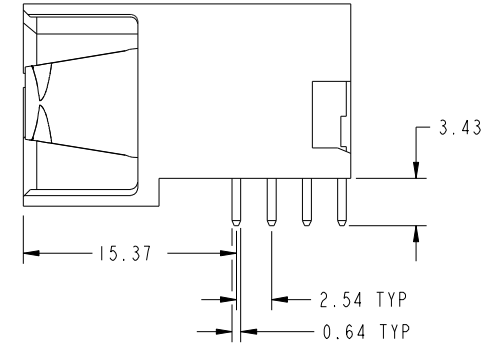
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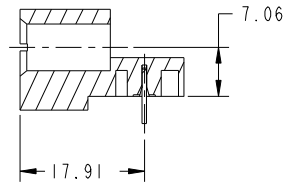
PRODUCT NUMBER  
51730-175-  
NOTE: 3



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	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
A					0.XX ± 0.25	projection		title	
				angles	0.XXX ± 0.1			4P + 16S + 2P RIGHT ANGLE SOLDER HEADER	
				dr	0° ± 2°			product family PwrBlade code	
				enr	Shower Ma 04/30/10	scale		size	
				chr	Shower Ma 04/30/10	1:1		dwg no	
				appd	PM ZHENG 04/30/10			A 51730-175	
					JOSEPH HSIA 04/30/10			sheet	
sheet index	revision sheet							2 of 4	

cage code 22526

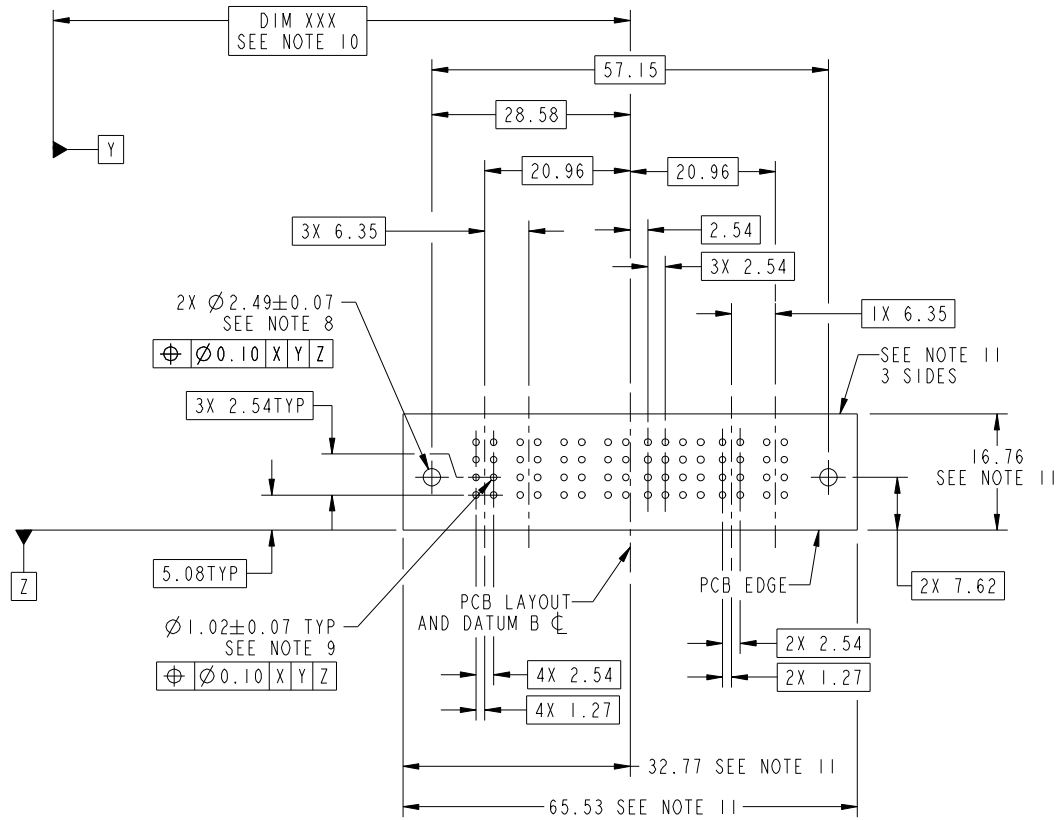
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PRODUCT NUMBER  
51730-175-  
NOTE: 3



RECOMMENDED PCB LAYOUT

mat'l code		SEE NOTE		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		title	
A					0.XX ± 0.25			4P + 16S + 2P RIGHT ANGLE SOLDER HEADER	
				angles	0.XXX ± 0.1			product family PwrBlade code	
		dr	Shower Ma	04/30/10	0° ± 2°	scale		size	
		enrg	Shower Ma	04/30/10		1:1		dwg no	
		chr	PM ZHENG	04/30/10				213	
		appd	JOSEPH HSIA	04/30/10				sheet	
sheet index		revision sheet						3 of 4	
								3 of 4	

cage code 22526

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PRODUCT NUMBER  
51730-175--  
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 51730-175 AND 51730-175LF RESPECTIVELY.
- 4. MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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  $\varnothing 1.02 \pm 0.07$  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	ecr no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com		title	
A				linear	0.XX ± 0.25	projection		4P + 16S + 2P		RIGHT ANGLE SOLDER HEADER	
				angles	0.XXX ± 0.1			product family		PwrBlade code	
				dr	Shower Ma 04/30/10	MIM		size		213	
				enrg	Shower Ma 04/30/10			dwg no		sheet	
				chr	PM ZHENG 04/30/10	scale		A 51730-175		4 of 4	
				appd	JOSEPH HSIA 04/30/10	1:1					
sheet index		revision sheet									

cage code 22526

Pro/E