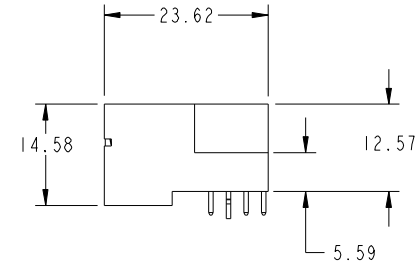
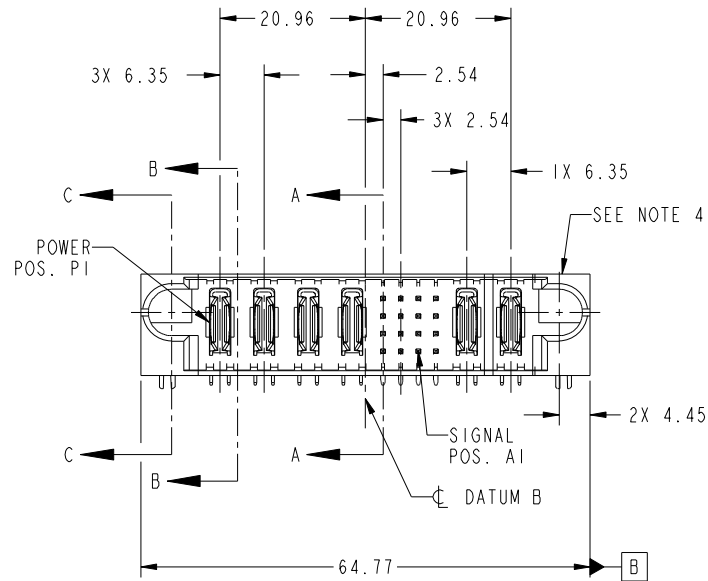


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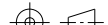


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PRODUCT NO.	ROWS	POWER					SIGNAL				POWER		E2
		E1	P1	P2	P3	P4	1	2	3	4	P5	P6	
51730-175-- NOTE 3	D C B A		PA	PA	PA	PA	H	H	H	H	PA	PA	
							T	T	T	T			
							F	F	F	F			
							E	E	E	E			



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		FCI www.fciconnect.com						
ltr		ecn no.		dr		date		linear	0.X ± 0.5				COPY		projection  title 4P + 16S + 2P RIGHT ANGLE SOLDER HEADER					
A		DG10-0160		SM		04/30/10			0.XX ± 0.25											
									0.XXX ± 0.1											
								angles	0° ± 2°				MM scale 1:1		product family PwrBlade code 213 sheet 1 of 4					
								dr	Shower Ma		04/30/10									
								enrg	Shower Ma		04/30/10									
								chr	PM ZHENG		04/30/10		size		dwg no		A		51730-175	
								appd	JOSEPH HSIA		04/30/10									
sheet index		revision sheet		A		A		A		A										
				1		2		3		4										

Pro/E

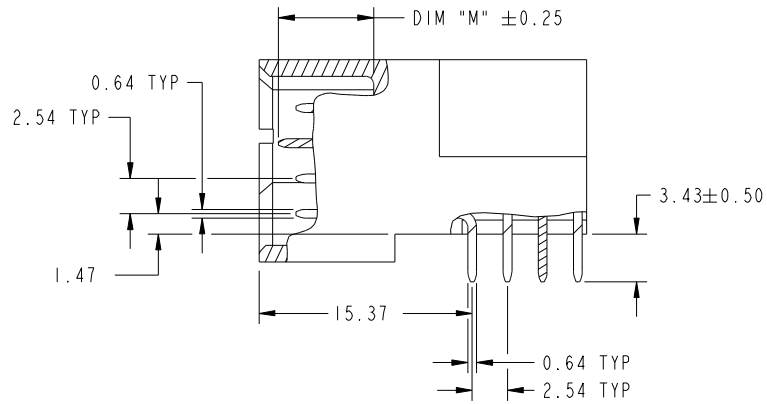
cage code 22526

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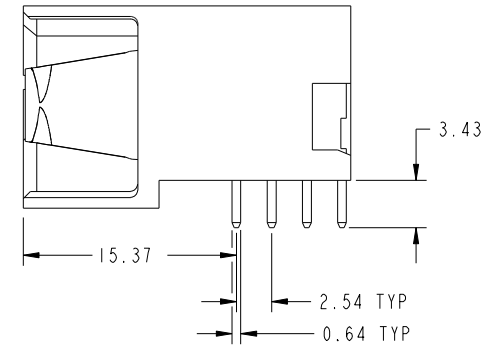


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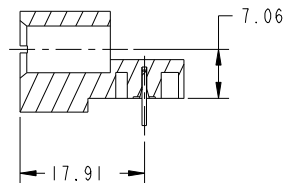
PRODUCT NUMBER
51730-175--
NOTE: 3



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	
litr	ecn no.	dr	date	linear		0.X ± 0.5		COPY		www.fciconnect.com	
A						0.XX ± 0.25		projection		title 4P + 16S + 2P	
				angles		0.XXX ± 0.1				RIGHT ANGLE SOLDER HEADER	
				dr	Shower Ma	04/30/10		MIM		product family	PwrBlade
				enrg	Shower Ma	04/30/10		scale		size	213
				chr	PM ZHENG	04/30/10		1:1		dwg no	2 of 4
				appd	JOSEPH HSIA	04/30/10				51730-175	
sheet index	revision sheet										

Pro/E

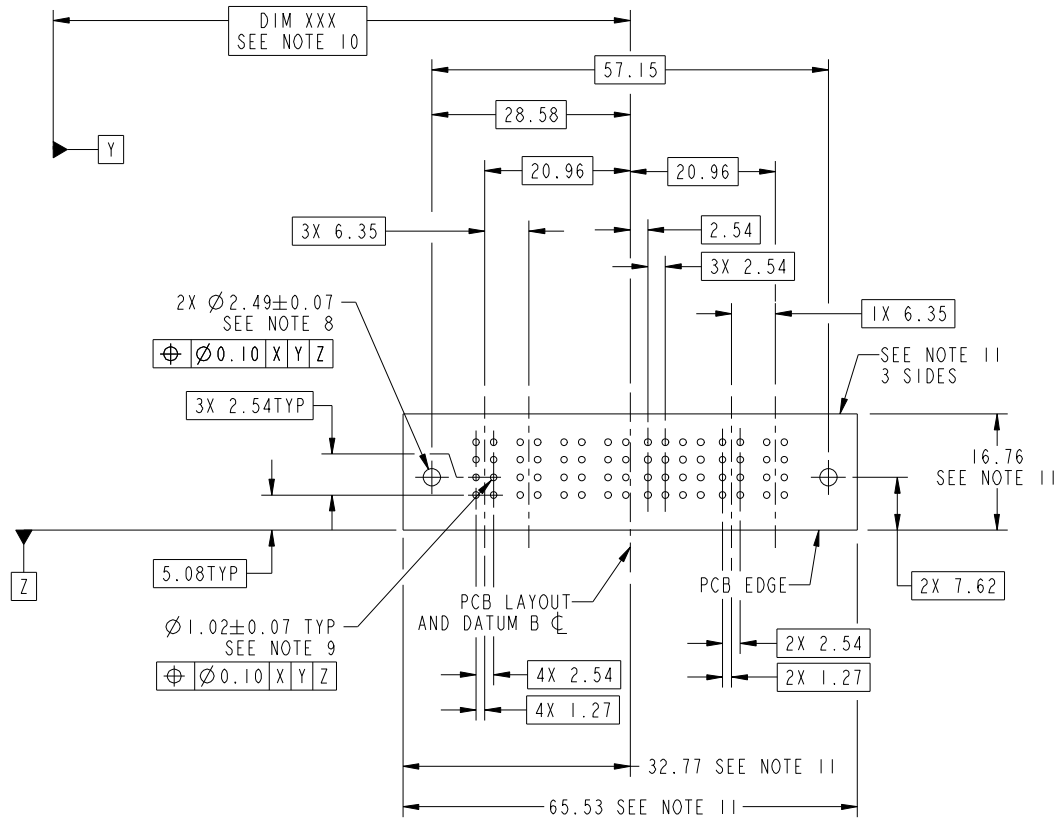
cage code 22526

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PRODUCT NUMBER
51730-175-
NOTE: 3



RECOMMENDED PCB LAYOUT

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

Pro/E

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	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A				linear		$0.X \pm 0.5$		projection		title	
						$0.XX \pm 0.25$				4P + 16S + 2P	
				angles		$0.XXX \pm 0.1$				RIGHT ANGLE SOLDER HEADER	
						$0^\circ \pm 2^\circ$					
				dr	Shower Ma	04/30/10		MIM		product family	PwrBlade
				enrg	Shower Ma	04/30/10				code	213
				chr	PM ZHENG	04/30/10		scale		size	dwg no
				appd	JOSEPH HSIA	04/30/10		1:1	A	51730-175	sheet
sheet	revision										4 of 4
index	sheet										

Pro/E

cage code 22526