

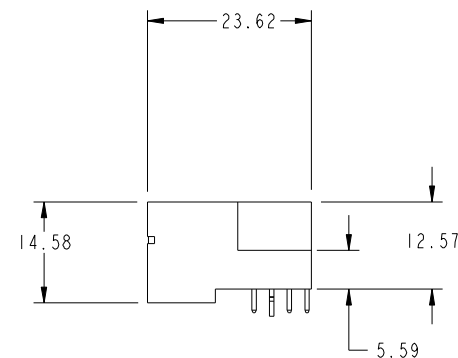
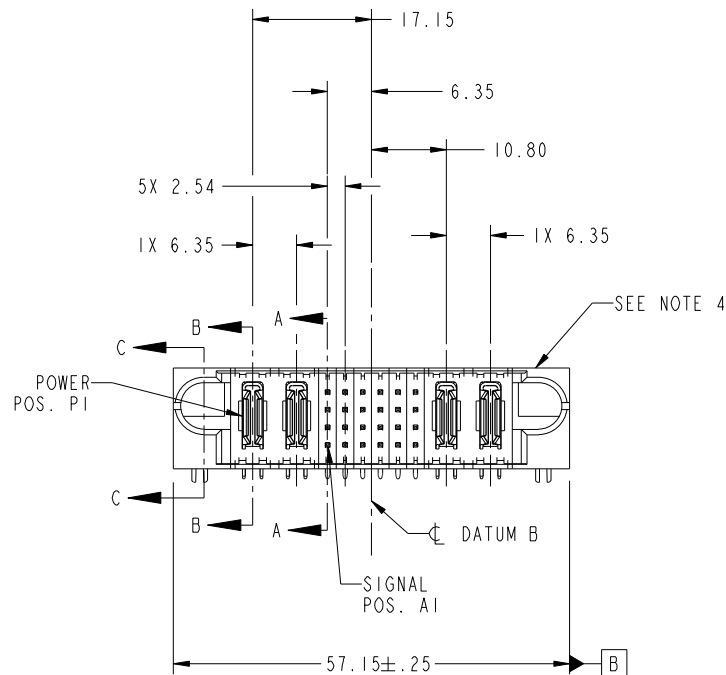


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL

PRODUCT NO.	ROW S		POWER		SIGNAL						POWER		
		E1	P1	P2	1	2	3	4	5	6	P3	P4	E2
51730-145-- NOTE ③	D C B A		PA	PA	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	UUUUUU	PA	PA	
					SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS	SSSSSS			
					RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR	RRRRRR			



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	0.X ±0.50				COPY				title 2P + 24S + 2P RIGHT ANGLE SOLDER HEADER						
A	DG08-0078	SH	04/02/08		0.XX ±0.25				projection										
					0.XXX ±0.10														
				angles	0° ±2°								product family PwrBlade				code		
				dr	Sincere He	03/21/08		size					dwg no		213				
				enrg	Sincere He	03/21/08		scale 1:1					A 51730-145				sheet 1 of 4		
				chr	Gary Hsieh	03/21/08													
				appd	Joseph Hsia	03/21/08													
sheet index		revision sheet		A	A	A	A												
				1	2	3	4												

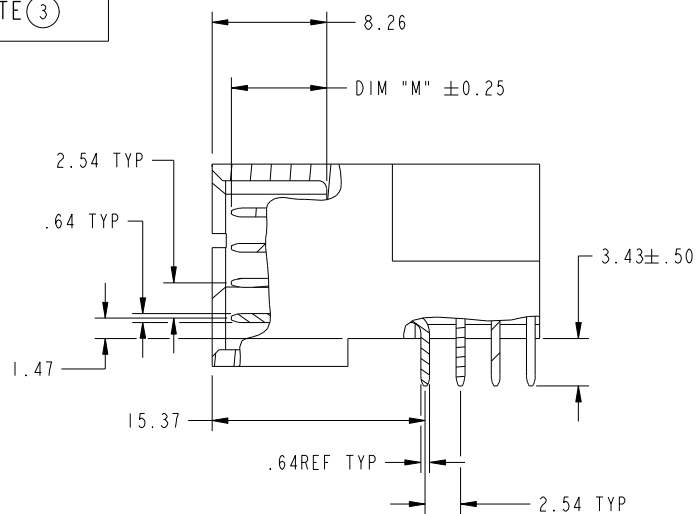
cage code 22526

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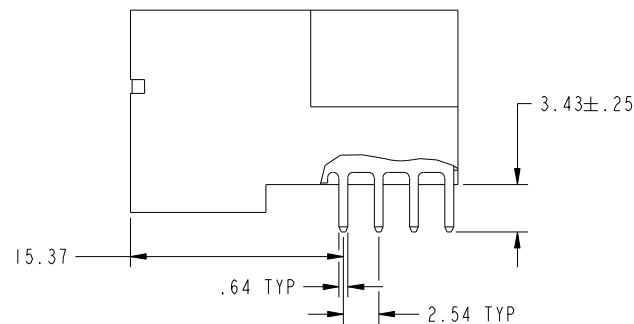


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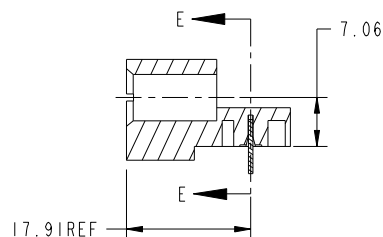
PRODUCT NUMBER
51730-145--
NOTE ③



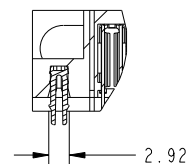
BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



SECTION E-E

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
litr		ecn no.		dr		date		linear	COPY				projection		title				
A									0.X ±0.50						2P + 24S + 2P				
									0.XX ±0.25						RIGHT ANGLE SOLDER HEADER				
								angles	0.XXX ±0.10					PwrBlade					
									0° ±2°										
				dr		Sincere He		03/21/08		INCH/MM				product family		code			
				enrg		Sincere He		03/21/08						size		dwg no			
				chr		Gary Hsieh		03/21/08		scale				A		51730-145			
				appd		Joseph Hsia		03/21/08											
sheet index		revision sheet																	

Pro/E

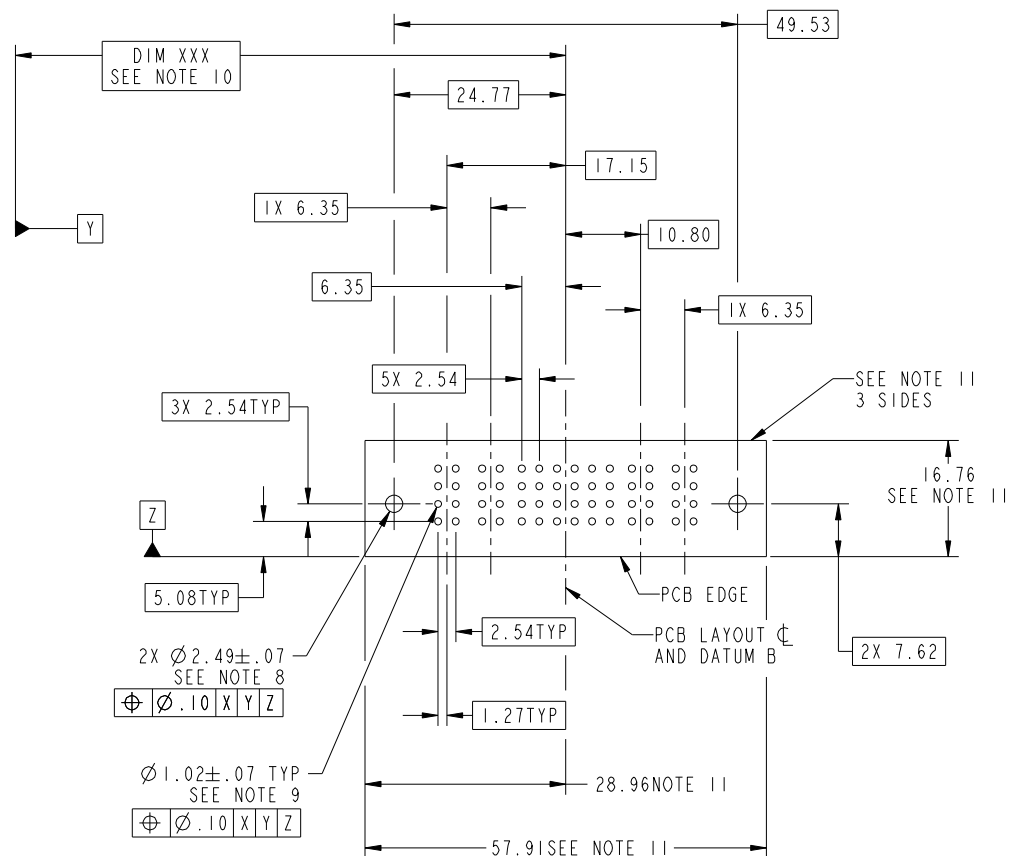
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PRODUCT NUMBER
51730-145--
NOTE ③



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	0.X ±0.50	COPY		www.fciconnect.com	
A						linear	0.XX ±0.25	projection		title 2P + 24S + 2P	
						angles	0.XXX ±0.10			RIGHT ANGLE SOLDER HEADER	
							0° ±2°			product family PwrBlade	
						dr	Sincere He 03/21/08			code	213
						enr	Sincere He 03/21/08			size	sheet
						chr	Gary Hsieh 03/21/08			dwg no	3 of 4
						appd	Joseph Hsia 03/21/08			51730-145	
sheet index		revision sheet						scale	1:1		

Pro/E

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A



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B

1 | 2

3 |

4

PRODUCT NUMBER

51730-145_-
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. PLATING:

51730-145, 51730-145LF, PLATING SPEC. SEE PRINT: 10064183

- (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 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.

A

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X $\pm$ 0.5		projection	COPY		title	2P + 24S + 2P		RIGHT ANGLE SOLDER HEADER
A					0.XX $\pm$ 0.25								
					0.XXX $\pm$ 0.10								
				angles	0° $\pm$ 2°								
				dr	Sincere He	03/21/08	INCH/MM	scale		product family	PwrBlade		code
				enrg	Sincere He	03/21/08					size	dwg no	
				chr	Gary Hsieh	03/21/08							
				appd	Joseph Hsia	03/21/08					A	51730-145	213
sheet index		revision sheet											sheet 4 of 4

B

1 | 2

Pro/E

3 |

cage code 22526

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