

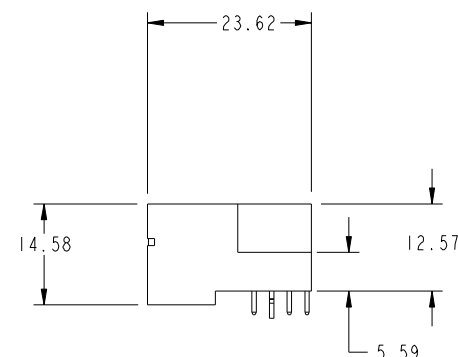
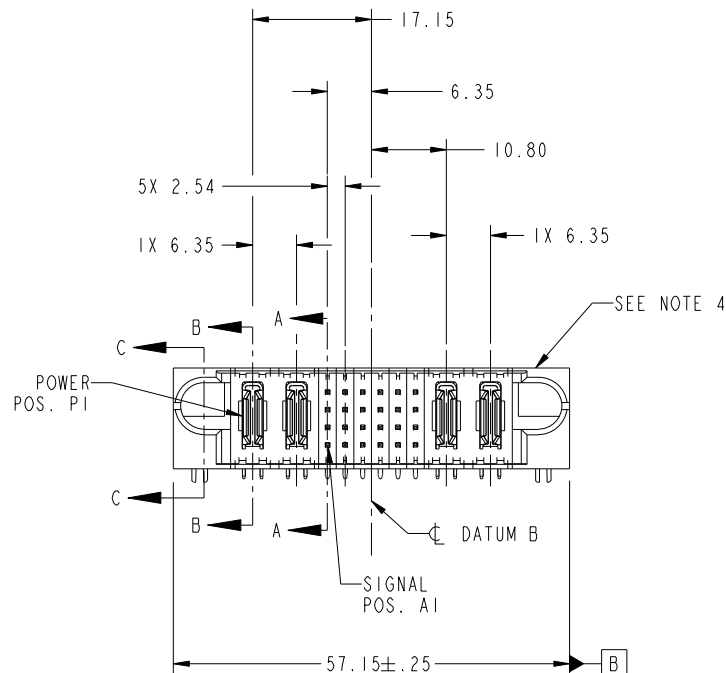


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL

PRODUCT NO.	ROWS		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	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	
					SSSSSSSS	SSSSSSSS	SSSSSSSS	SSSSSSSS	SSSSSSSS	SSSSSSSS	SSSSSSSS	SSSSSSSS	
					RRRRRRRR	RRRRRRRR	RRRRRRRR	RRRRRRRR	RRRRRRRR	RRRRRRRR	RRRRRRRR	RRRRRRRR	



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

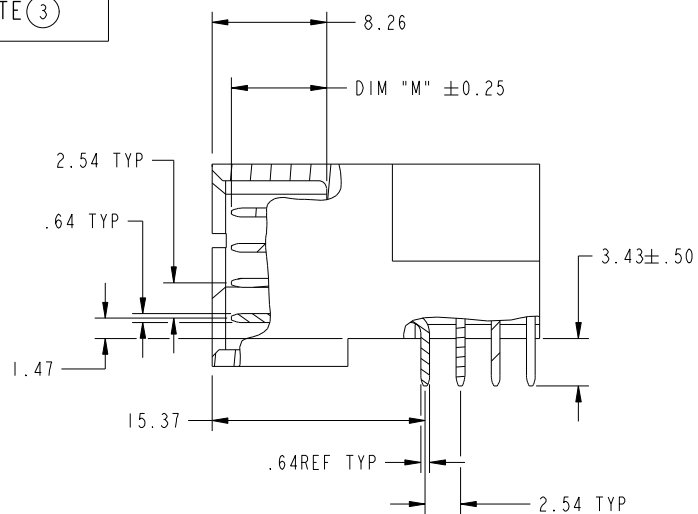
cage code 22526

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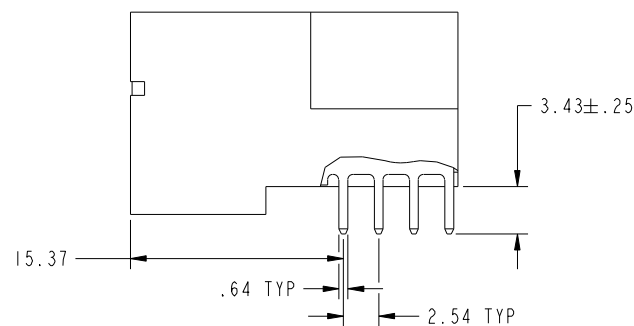


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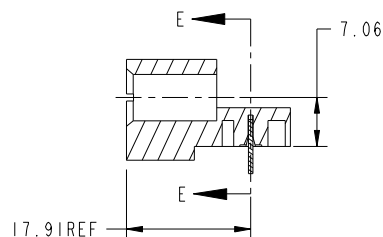
PRODUCT NUMBER
51730-145--
NOTE ③



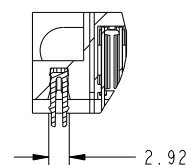
BROKEN-OUT SECTION A-A
SCALE 2:1



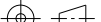
BROKEN-OUT SECTION B-B
SCALE 2:1



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	0.X ±0.50				COPY				title 2P + 24S + 2P RIGHT ANGLE SOLDER HEADER					
A									0.XX ±0.25				projection									
									0.XXX ±0.10													
								angles	0° ±2°				INCH/MM				product family PwrBlade				code	
								dr	Sincere He		03/21/08		scale 1:1				size		dwg no		213	
								enrg	Sincere He		03/21/08						A		51730-145		sheet	
								chr	Gary Hsieh		03/21/08						2 of 4					
								appd	Joseph Hsia		03/21/08											
sheet index		revision sheet																				

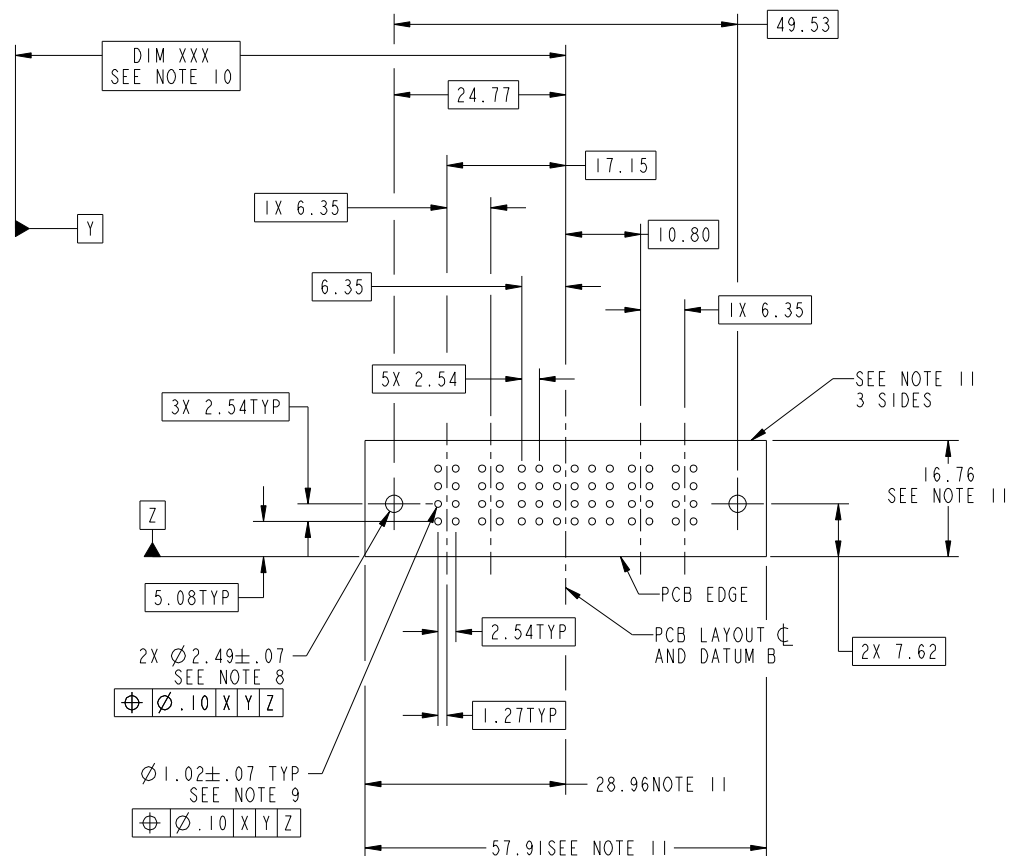
Pro/E



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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		www.fciconnect.com	
litr	ecn no.	dr	date			linear	0.X ±0.50	COPY		projection		title	2P + 24S + 2P
A						angles	0.XX ±0.25					RIGHT ANGLE SOLDER HEADER	
							0.XXX ±0.10					product family	PwrBlade
						dr	Sincere He 03/21/08					size	213
						enr	Sincere He 03/21/08					dwg no	51730-145
						chr	Gary Hsieh 03/21/08					sheet	3 of 4
						appd	Joseph Hsia 03/21/08						
sheet index	revision sheet												

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	ecr no.	dr	date	linear		0.X $\pm$ 0.5		COPY				title	
A			0.XX $\pm$ 0.25			projection		2P + 24S + 2P					
			0.XXX $\pm$ 0.10					RIGHT ANGLE SOLDER HEADER					
				angles		0° $\pm$ 2°		INCH/MM				product family	
			dr	Sincere He	03/21/08	PwrBlade						code	
			enrg	Sincere He	03/21/08	213						sheet	
			chr	Gary Hsieh	03/21/08	scale		A		51730-145		4 of 4	
			appd	Joseph Hsia	03/21/08	1:1							
sheet index		revision sheet											

B

1 | 2

Pro/E

3 |

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4

Mouser Electronics

Authorized Distributor

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