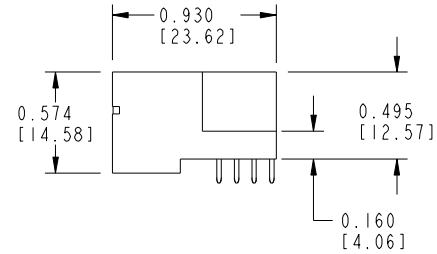
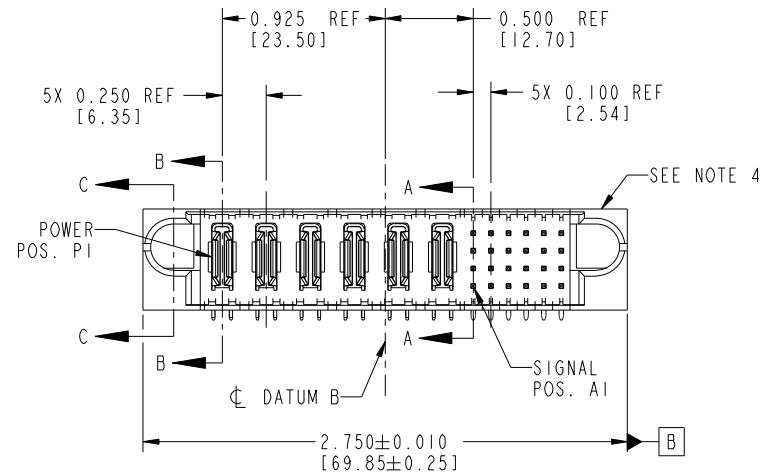


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PRODUCT NO.	ROWS	POWER						SIGNAL						E2
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	
51732-043- NOTE ③	D C B A		PA	PA	PA	PA	PA	PA	UUUUHH	TTTTGG	SSSSFF	RRRRLL		
			U	U	U	U	U	U	U	U	U	U		



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	0.220 [5.59]	SIGNAL
F	0.220 [5.59]	SIGNAL
G	0.220 [5.59]	SIGNAL
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

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY			www.fciconnect.com
A	DG07-0330	SH	08/15/07	linear		.XX±.01/0.X±0.3		projection		title	6P + 24S
						.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
				angles		.XXX±.0020/0.XXX±0.051		INCH/MM		product family	PwrBlade
				dr	Sincere He	08/15/07		scale		size	213
				enrg	Sincere He	08/15/07		1:1		dwg no	51732-043
				chr	Gary Hsieh	08/15/07				sheet	1 of 4
				appd	Joseph Hsia	08/15/07					
sheet index	revision sheet	A	A	A	A						
1	2	3	4								

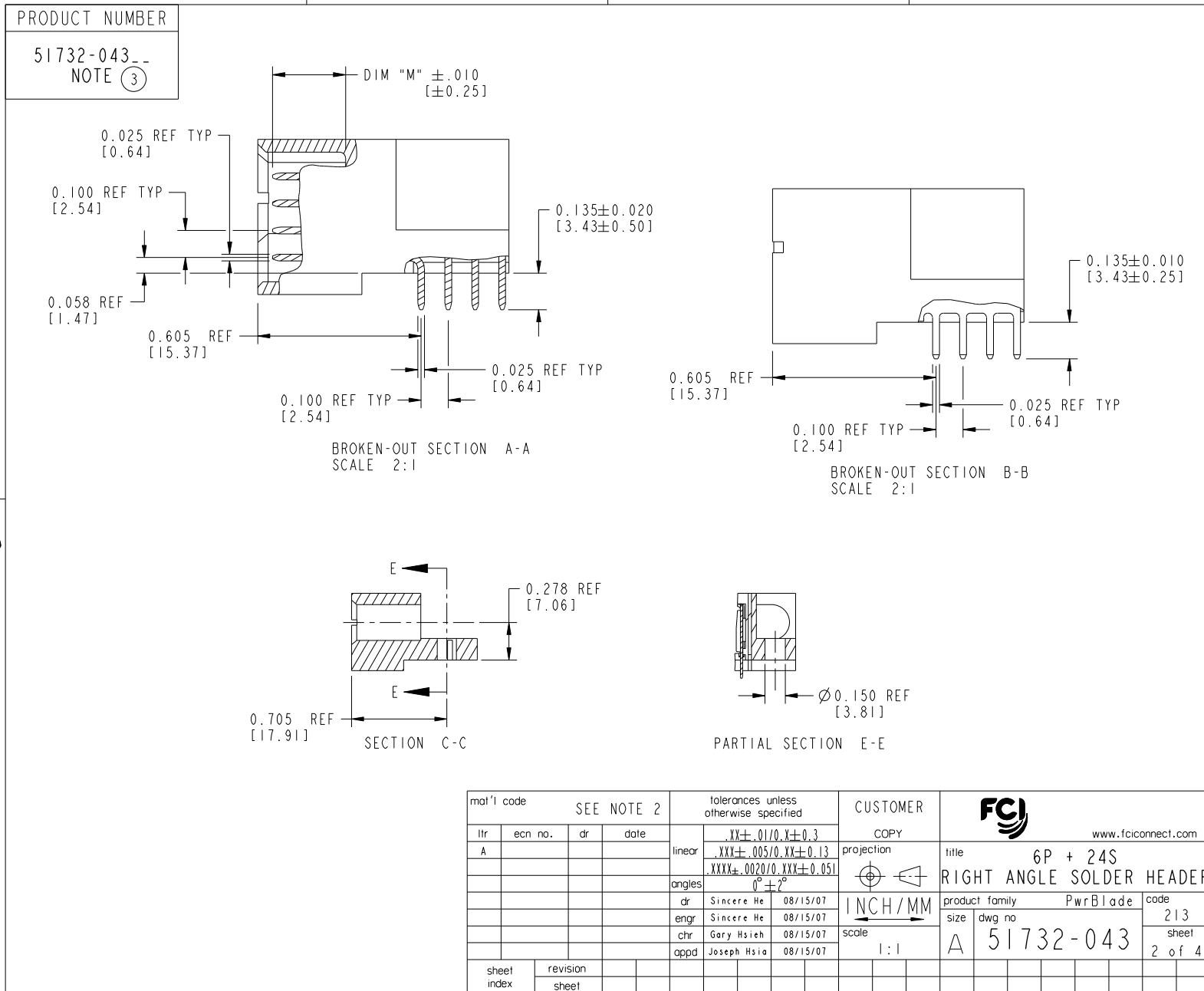
Pro/E

cage code 22526

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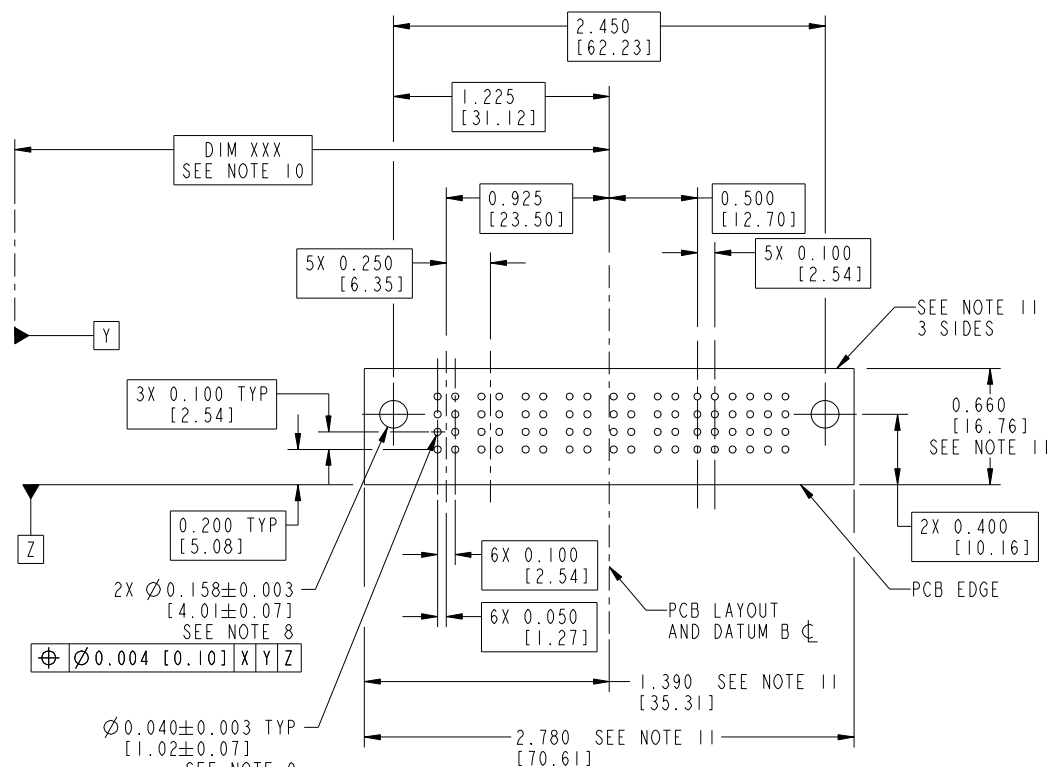


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B

51732-043--
NOTE (3)



RECOMMENDED PCB LAYOUT

[illegible]

cage code	22526
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A



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B

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4

PRODUCT NUMBER
51732-043_- 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:

51732-043 Signal Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51732-043LF Signal Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin: 30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51732-043LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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 ± 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb or Sn 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.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecr no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$		COPY		www.fciconnect.com		
A					$.XXX \pm .005 / 0.XX \pm 0.13$		projection		title		
				angles	$.XXX \pm .0020 / 0.XXX \pm 0.051$				6P + 24S		
					$0^\circ \pm 2^\circ$		INCH/MM		RIGHT ANGLE SOLDER HEADER		
				dr	Sincere He	08/15/07	scale		product family		code
				enrg	Sincere He	08/15/07	1:1		PwrBlade		213
				chr	Gary Hsieh	08/15/07			size		sheet
				appd	Joseph Hsia	08/15/07			dwg no		4 of 4
sheet index		revision sheet									

B

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Pro/E

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cage code 22526

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