

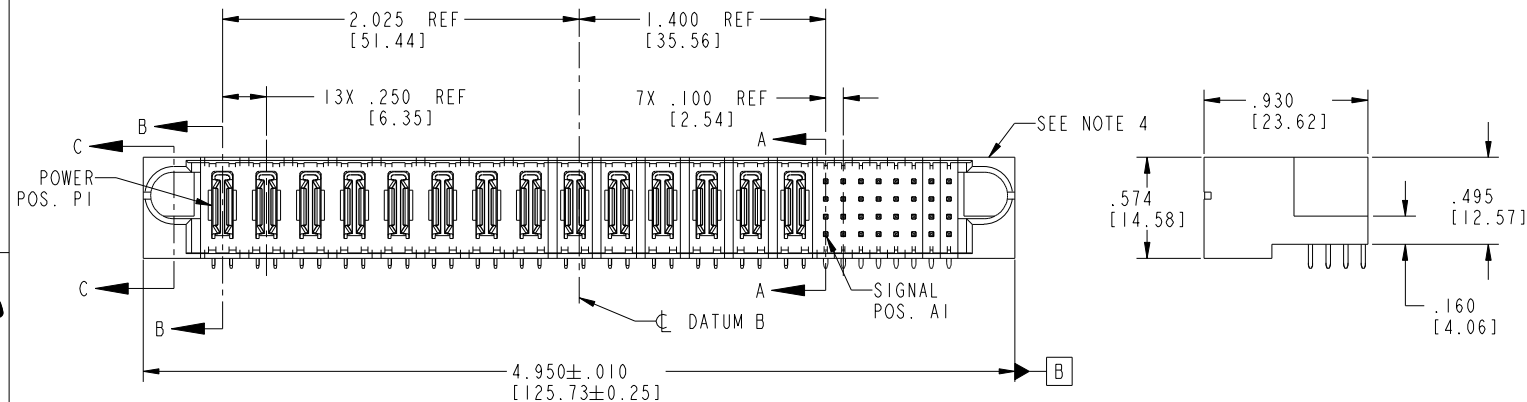


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
G	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER

PRODUCT NO.	ROWS	POWER														SIGNAL								E2	
		E1	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	1	2	3	4	5	6	7		8
51732-027-- NOTE ③	D C B A		PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	PA	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	
			UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	UUUUUUUU	



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	DG05-0220	SW	07/13/05	linear		.XX±.01/0.X±0.3		projection		title	14P + 32S
B	DG05-0554	GuoJM	12/19/05			.XXX±.005/0.XX±0.13				RIGHT ANGLE SOLDER HEADER	
C	DG08-0253	SH	09/15/08	angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade
				dr	STEVEN WANG	07/13/05		INCH/MM		size	213
				enrg	STEVEN WANG	07/13/05		scale		dwg no	51732-027
				chr	VICTOR LIN	07/13/05		1:1		sheet	1 of 4
				appd	JOSEPH HSIA	07/13/05					
sheet index	revision sheet	C	C	C	C					cage code	22526
		1	2	3	4						

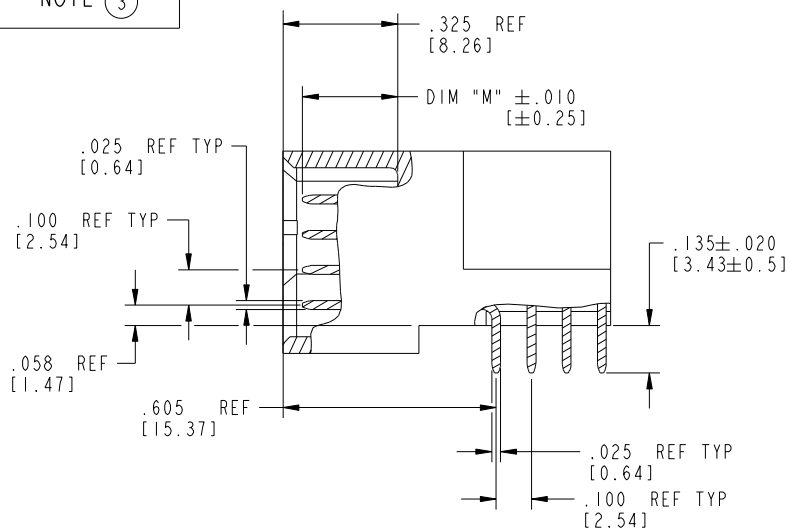
Pro/E

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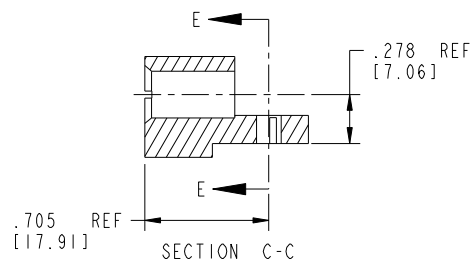


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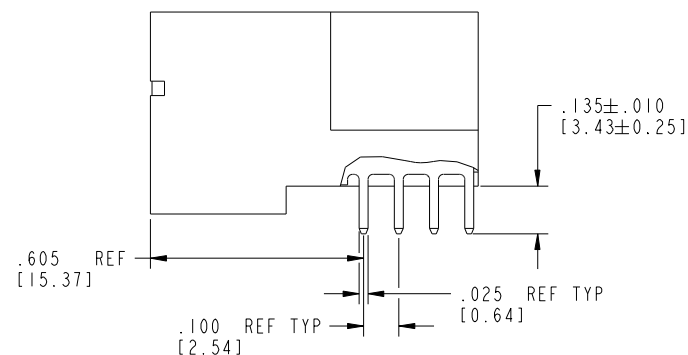
PRODUCT NUMBER
51732-027--
NOTE (3)



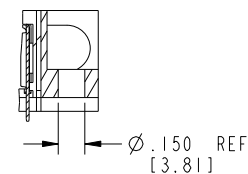
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1



PARTIAL SECTION E-E

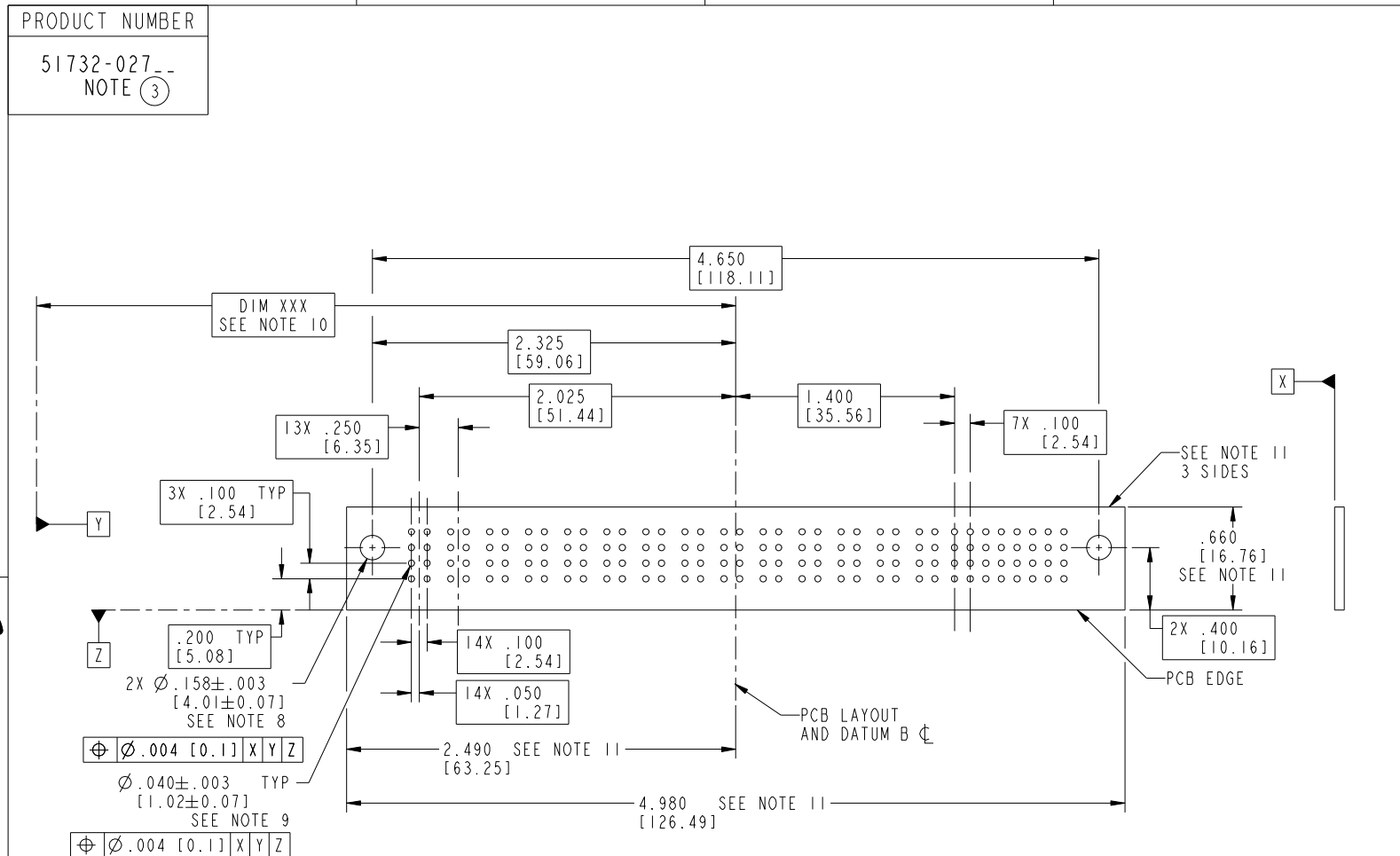
mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER								www.fciconnect.com											
litr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		COPY										title 14P + 32S RIGHT ANGLE SOLDER HEADER									
C										.XXX±.005/0.XX±0.13		projection																			
										.XXX±.0020/0.XXX±0.051																					
								angles		0°±2°								product family PwrBlade				code 213									
										dr																STEVEN WANG 07/13/05					
										engr																STEVEN WANG 07/13/05					
								appd		chr		VICTOR LIN 07/13/05		INCH/MM						size A				dwg no 51732-027				sheet 2 of 4			
										appd		JOSEPH HSIA 07/13/05																			
sheet index		revision sheet																													

cage code 22526

Pro/E



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RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
litr		ecn no.		dr		date		linear		$.XX \pm .01 / 0.X \pm 0.3$ $.XXX \pm .005 / 0.XX \pm 0.13$ $.XXXX \pm .0020 / 0.XXX \pm 0.051$		COPY		projection		 title 14P + 32S RIGHT ANGLE SOLDER HEADER			
C								angles		$0^\circ \pm 2^\circ$		INCH/MM				product family PwrBlade		code	
								dr		STEVEN WANG 07/13/05		scale		size		dwg no		213	
								engr		STEVEN WANG 07/13/05		1:1		A		51732-027		sheet	
								chr		VICTOR LIN 07/13/05								3 of 4	
								appd		JOSEPH HSIA 07/13/05									
sheet index		revision						sheet											

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A



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B

1 | 2

3 |

4

PRODUCT NUMBER

51732-027_-
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:

△ SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51732-027 AND 51732-027LF RESPECTIVELY

- (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 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.

12: A △ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW,
OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT
DRAWING VERSION

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com					
ltr	ecn no.		dr	date		linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY					title					
C							$.XXX \pm .005 / 0.XX \pm 0.13$				projection					14P + 32S					
							$.XXX \pm .0020 / 0.XXX \pm 0.051$				INCH/MM					RIGHT ANGLE SOLDER HEADER					
						angles	$0^\circ \pm 2^\circ$					product family				PwrBlade				code	
						dr	STEVEN WANG		07/13/05			size				dwg no		213			
						enrg	STEVEN WANG		07/13/05			scale				A		sheet			
						chr	VICTOR LIN		07/13/05									4 of 4			
						appd	JOSEPH HSIA		07/13/05												
sheet index		revision sheet																			

1 | 2

Pro/E

3 |

cage code 22526

4

B

Mouser Electronics

Authorized Distributor

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[51732-027LF](#)