

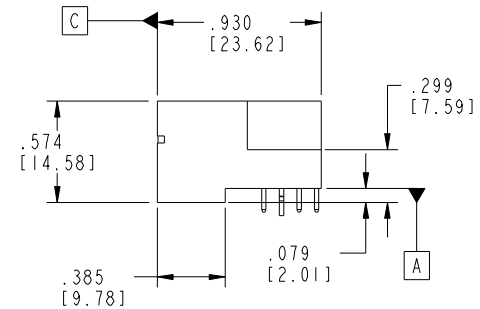
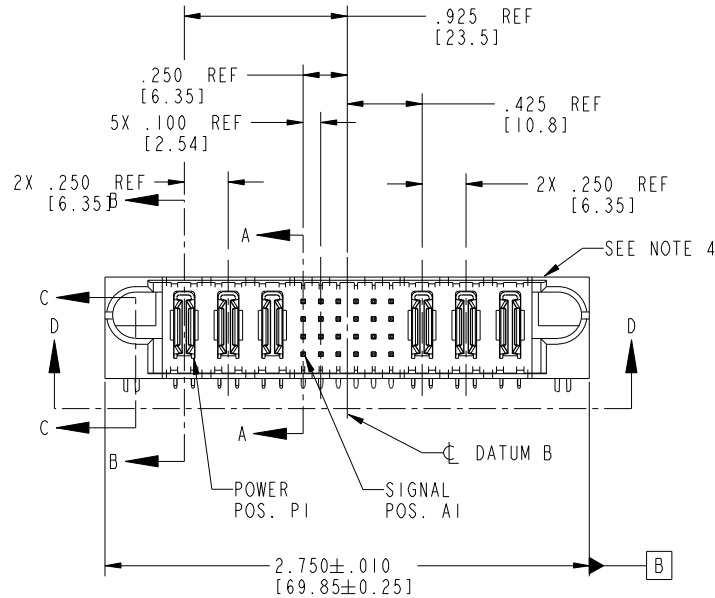


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
F	.220 [5.59]	SIGNAL
G	.220 [5.59]	SIGNAL

PRODUCT NO.	ROWS		POWER				SIGNAL						POWER			
		E1	P1	P2	P3	1	2	3	4	5	6	P4	P5	P6	E2	
51730-001-- Note: ③	D C B A		PA	PA	PA	UUUUUU	TTTGGT	SSFFSS	RRRRRR	PA	PA	PA				
																



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	dr	.XX±.01/0.X±0.3	projection	COPY	title	3P + 24S + 3P	product family	PwrBlade	code
A	V02906	JWS	12-05-00	angles	dr	.XXX±.005/0.XX±0.13	INCH/MM	scale	RIGHT ANGLE SOLDER HEADER	size	dwg no	213	sheet
B	V20009	JWS	01-10-02	enr	dr	.XXX±.0025/0.XX±0.053	1:1	51730-001	1 of 4				
C	DG05-0123	SJ	05/21/05	chr	dr	0°±2°							
D	DG05-0560	CS	12/20/05	appd	dr	J. SHAFFER 01-10-02							
E	DG07-0255	JMG	06/21/07		dr	M. MOSTOLLER 01-10-02							
					dr	M. MOSTOLLER 01-10-02							
					dr	M. MOSTOLLER 01-10-02							
sheet index	revision	E	E	E	E								
	sheet	1	2	3	4								

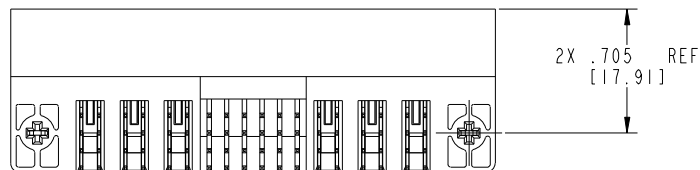
Pro/E

cage code 22526

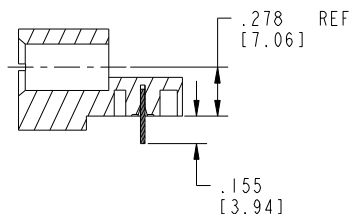
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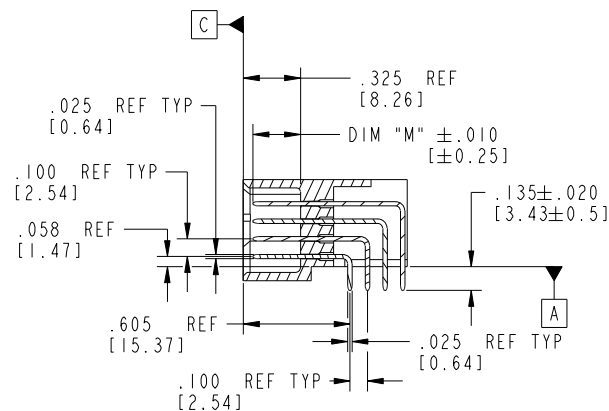
PRODUCT NUMBER
51730-001--
Note: ③



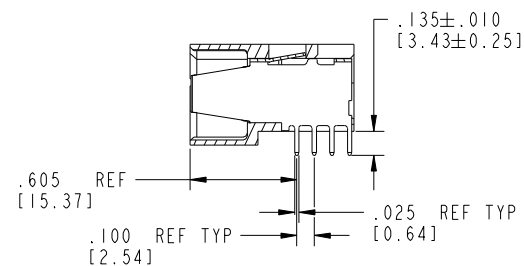
VIEW D-D



SECTION C-C



SECTION A-A



SECTION B-B

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
litr	ecm no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY										
E					$.XXX \pm .005 / 0.XX \pm 0.13$				projection										
					$.XXX \pm .0020 / 0.XXX \pm 0.051$				title										
				angles	$0^\circ \pm 2^\circ$								RIGHT ANGLE SOLDER HEADER						
				dr	J. SHAFFER 01-10-02								product family						
				enrg	M. MOSTOLLER 01-10-02								PwrBlade						
				chr	M. MOSTOLLER 01-10-02				size				dwg no						
				appd	M. MOSTOLLER 01-10-02				scale				A 51730-001						
sheet index		revision sheet																	

cage code 22526

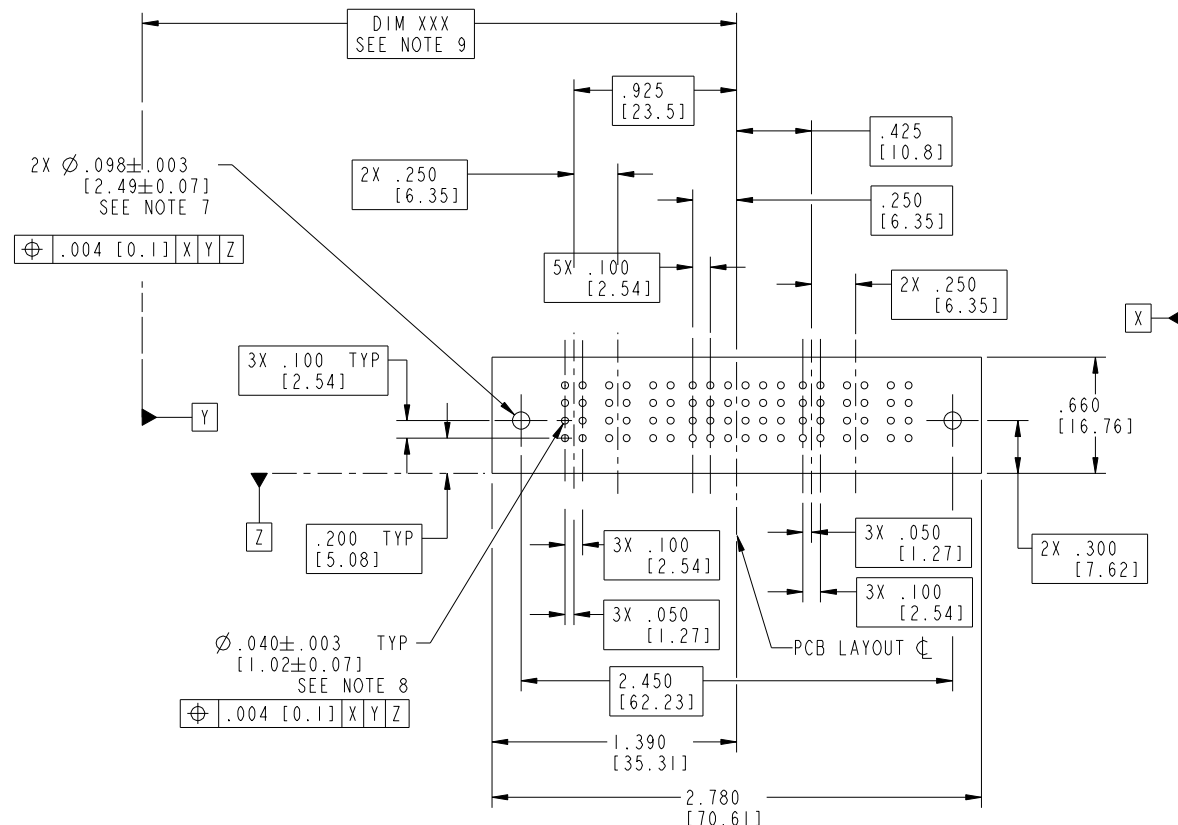
Pro/E



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PRODUCT NUMBER
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Note: ③



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com			
litr	ecn no.	dr	date	linear	$.XX \pm .01 / .X \pm 0.3$				COPY					title 3P + 24S + 3P RIGHT ANGLE SOLDER HEADER					
E					$.XXX \pm .005 / .XX \pm 0.13$				projection										
					$.XXX \pm .0020 / .XXX \pm 0.051$														
				angles	$0^\circ \pm 2^\circ$								product family PwrBlade code 213 sheet 3 of 4						
				dr	J. SHAFFER 01-10-02				INCH/MM										
				enrg	M. MOSTOLLER 01-10-02				scale										
				chr	M. MOSTOLLER 01-10-02				1:1										
				appd	M. MOSTOLLER 01-10-02														
sheet index		revision sheet																	

cage code 22526

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PRODUCT NUMBER
51730-001--
Note: ③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH
ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTORS NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:

51730-001,51730-001LF,PLATING SPEC SEE PRINT:100064183.

4. "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON
THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [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.

9. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com			
litr	ecn no.	dr	date	linear	COPY				projection		title								
E					.XX±.01/0.X±0.3						3P + 24S + 3P								
					.XXX±.005/0.XX±0.13						RIGHT ANGLE SOLDER HEADER								
				angles	.XXX±.0020/0.XXX±0.051					INCH/MM	product family		PwrBlade		code				
					0°±2°						size		dwg no		213				
					dr J. SHAFFER 01-10-02						A		51730-001		sheet				
				enrg M. MOSTOLLER 01-10-02				scale				4 of 4							
				chr M. MOSTOLLER 01-10-02				1:1											
				appd M. MOSTOLLER 01-10-02															
sheet index		revision sheet																	

cage code 22526

Mouser Electronics

Authorized Distributor

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