

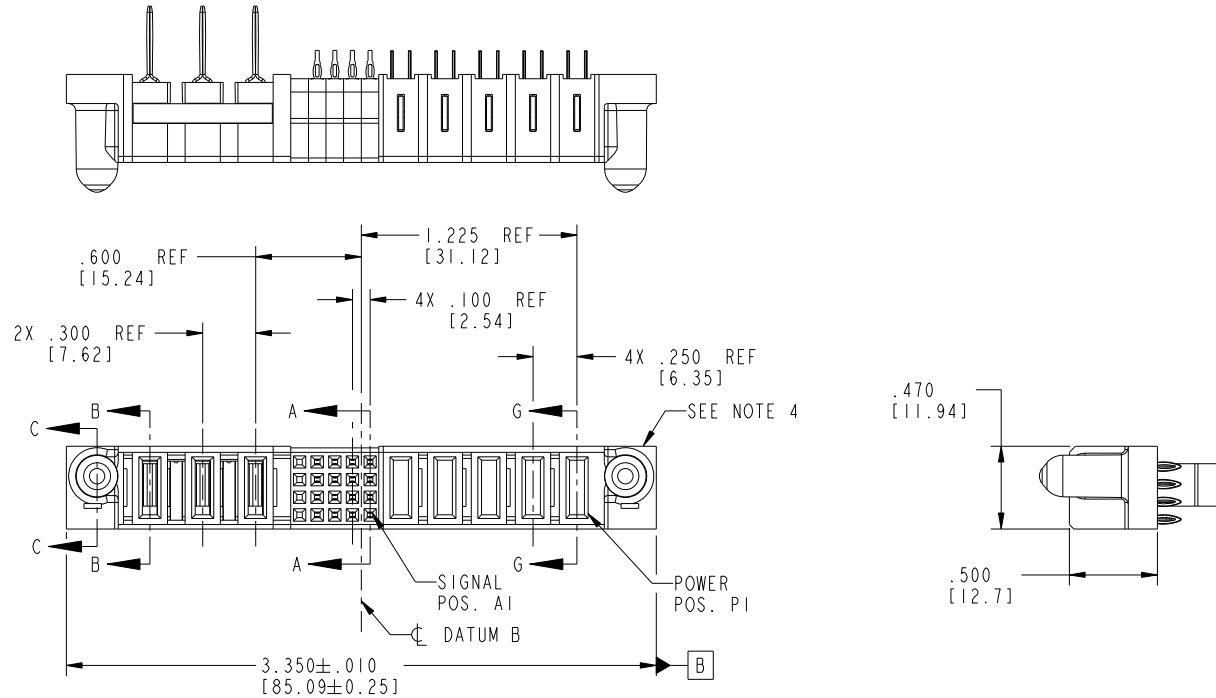


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER
PG	.042 [1.07]	POWER
PH	.092 [2.34]	POWER
X	OMITTED	

PRODUCT NO.	ROWS	POWER				SIG.				POWER						
		E2	P8	P7	P6	5	4	3	2	1	P5	P4	P3	P2	P1	E1
51927-002-- Note: ③	D C B A		 PH	 PH	 PG	 X	 F	 F	 F	 F	 PF	 PC	 PC	 PF	 PF	



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		projection		title	5P + 20S + 3ACP
A	V03-0596	MEM	5/27/03				.XXX±.005/0.XX±0.13					product family	PwrBlade
B	V03-0629	TAB	6/04/03				.XXX±.002/0.XXX±0.051					size	213
C	DG05-0123	SJ	05/25/05			angles	0°±2°					dwg no	51927-002
D	DG05-0175	SJ	06/20/05			dr	M. MOSTOLLER 5/27/03					scale	1:1
E	DG06-0375	JULIA	09/06/06			engr	M. MOSTOLLER 5/27/03						sheet
F	DG08-0273	WD	12/15/08			chr	H. BREWBAKER 5/27/03						1 of 4
						appd	M. MOSTOLLER 5/27/03						
sheet index	revision	F	F	F	F								
	sheet	1	2	3	4								

Pro/E

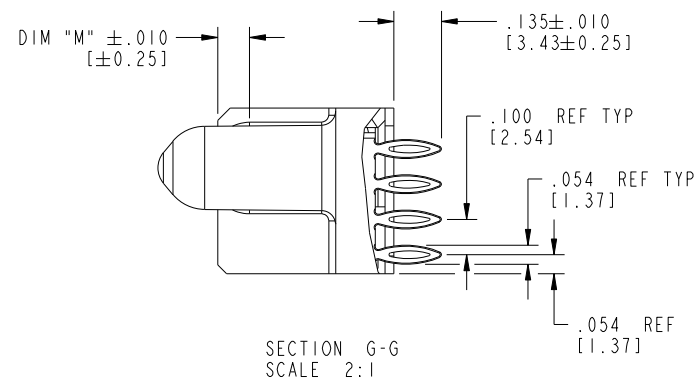
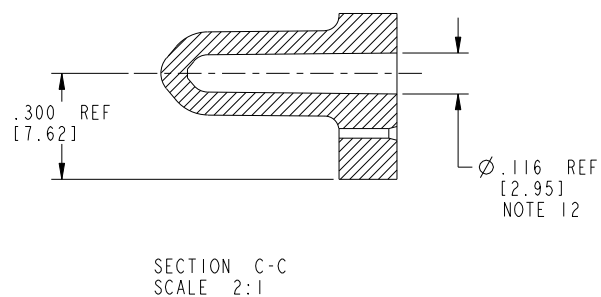
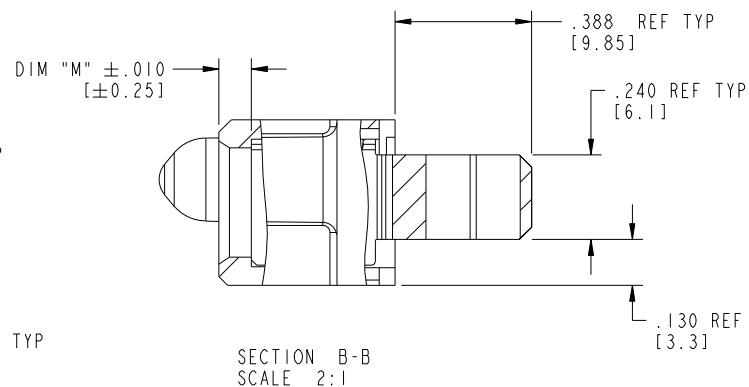
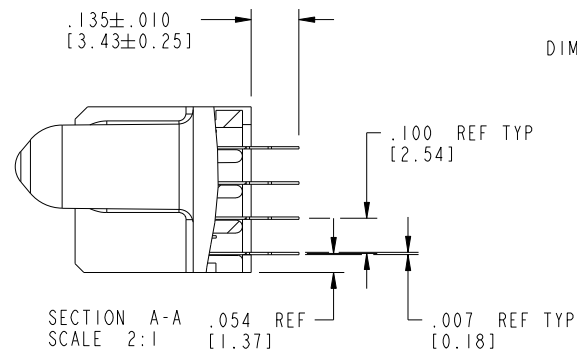
cage code 22526

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PRODUCT NUMBER
51927-002--
Note: ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3	projection	COPY	title	product family	code	sheet	2 of 4
F						.XXX±.005/0.XX±0.13							
						.XXX±.0020/0.XXX±0.051							
				angles		0°±2°	INCH/MM	scale	A	size	dwg no	213	2 of 4
				dr	M. MOSTOLLER	5/27/03							
				enrg	M. MOSTOLLER	5/27/03							
				chr	H. BREWBAKER	5/27/03	1:1	A	51927-002	PwrBlade	213	2 of 4	
				appd	M. MOSTOLLER	5/27/03							
sheet index	revision			sheet									

Pro/E

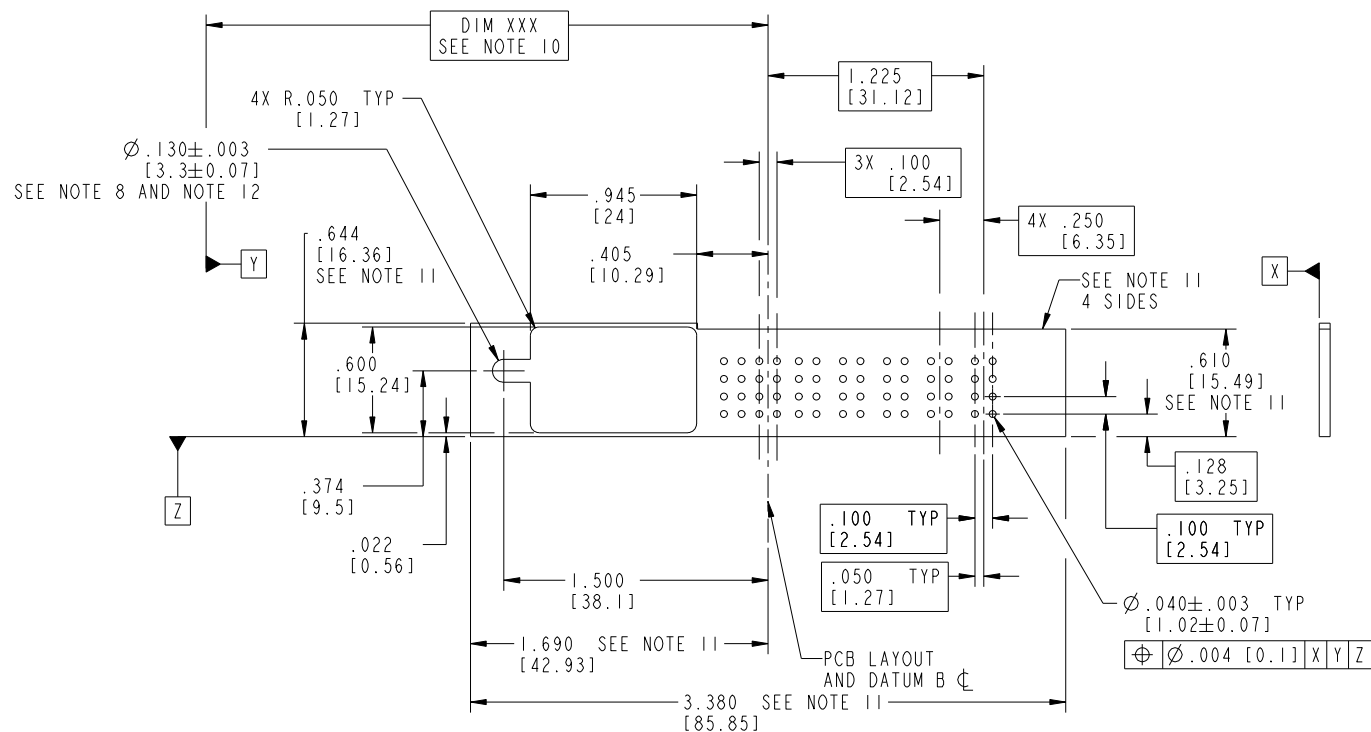
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Note: ③



mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			title 5P + 20S + 3ACP VERT P/F RCPT CABLE PORT	
F					.XXX±.005/0.XX±0.13					
					.XXX±.0020/0.XXX±0.051					
				angles	0°±2°			product family PwrBlade	code	
				dr	M. MOSTOLLER 5/27/03					
				engr	M. MOSTOLLER 5/27/03					
				chr	H. BREWBAKER 5/27/03					
				appd	M. MOSTOLLER 5/27/03	scale 1:1		A	size dwg no 51927-002	sheet 3 of 4
sheet index	revision sheet									
						cage code 22526		4		

Pro/E

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51927-002--
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 SEE ITEM 7 & 8 IN PRINT I0064183 FOR PLATING SPEC OF 51927-002 AND 51927-002LF 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 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.

12. RECOMMENDED RETENTION TO PCB: $\varnothing .1313.3$ THRU HOLE FOR #5 SOCKET HEAD CAP SCREW
MAX HEAD $\varnothing .20515.21$ RECOMMENDED SCREW LENGTH $.47212.0$ + PCB THICKNESS. RECOMMENDED
SCREW SEATING TO PCB TORQUE: 2-5 lbf-IN [2300-5760 gf-cm].

13. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
F				linear		$.XX \pm .01 / 0.X \pm 0.3$		projection		title	5P + 20S + 3ACP		
						$.XXX \pm .005 / 0.XX \pm 0.13$				VERT P/F RCPT CABLE PORT			
				angles		$.XXX \pm .0020 / 0.XXX \pm 0.051$				product family	PwrBlade	code	213
				dr	M. MOSTOLLER	5/27/03		INCH/MM		size	dwg no	sheet	4 of 4
				enrg	M. MOSTOLLER	5/27/03				A	51927-002		
				chr	H. BREWBAKER	5/27/03		scale	1:1				
				appd	M. MOSTOLLER	5/27/03							
sheet index	revision sheet												

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