

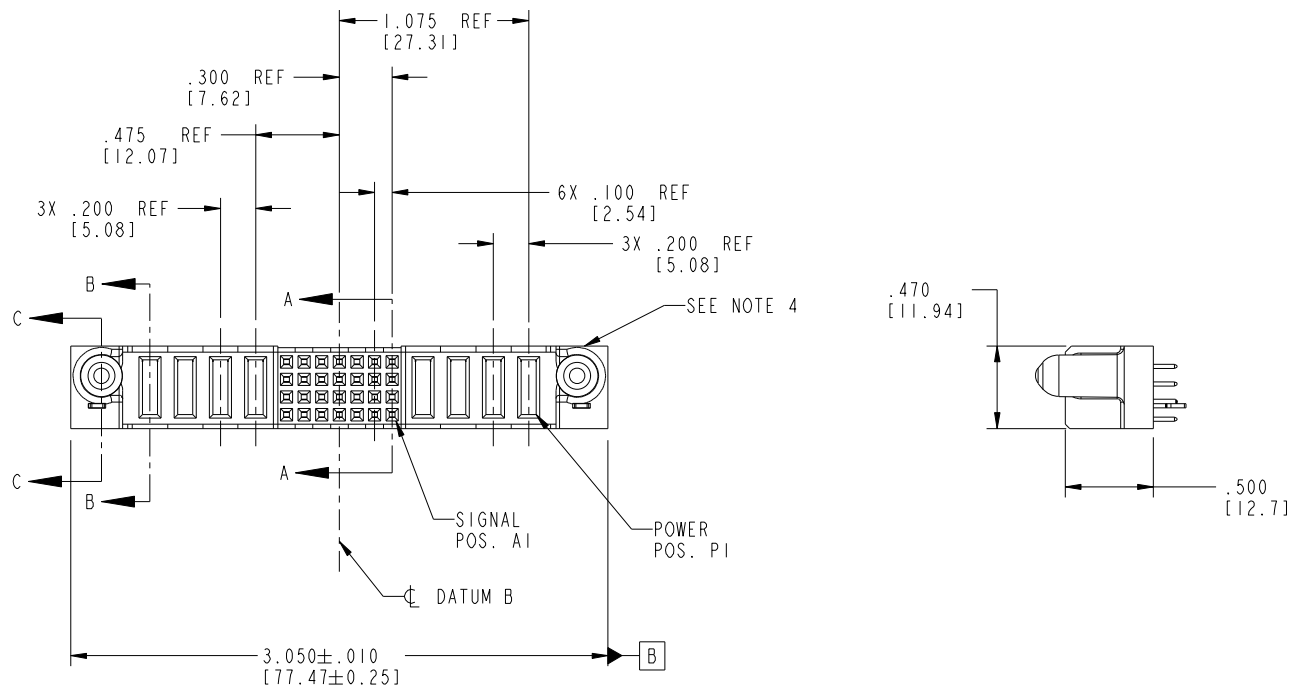


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	.042 [1.07]	POWER
E	N/A [N/A]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN

PRODUCT NO.	ROWS	POWER				SIGNAL					POWER							
		E2	P8	P7	P6	P5	7	6	5	4	3	2	1	P4	P3	P2	P1	E1
51940-038-- Note: ③	D C B A																	



mal'ti code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date	linear	angles	dr	enr	chr	appd	projection	scale	product family	code
A	V03-0391	MEM	4/7/03			.XX±.01/0.X±0.3	M.MOSTOLLER	4/7/03				4P + 28S + 4P	213
B	DG04-0086	LH	11/26/04			.XXX±.005/0.XX±0.13	M.MOSTOLLER	4/7/03				PwrBlade	1 of 4
C	DG05-0123	SJ	05/24/05			.XXX±.002/0.XX±0.051	H.BREWBAKER	4/7/03				51940-038	
D	DG08-0272	SH	09/28/08			0°±2°	M.MOSTOLLER	4/7/03					
sheet index		revision sheet		D	D	D	D						
				1	2	3	4						

Pro/E

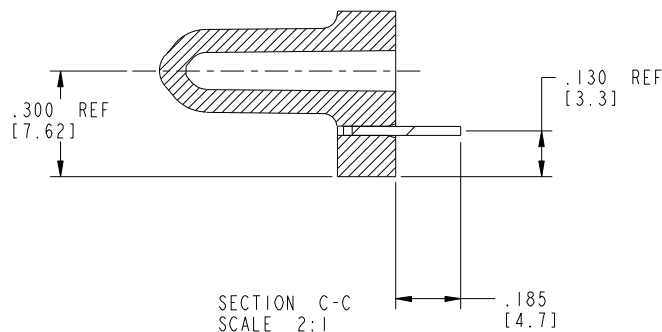
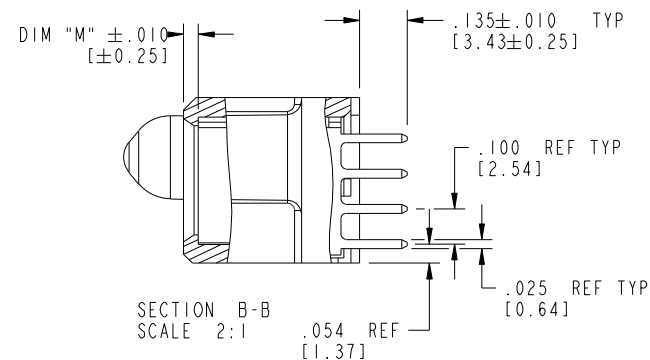
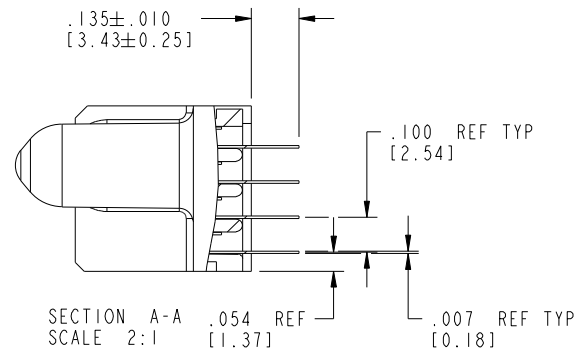
cage code 22526



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PRODUCT NUMBER
51940-038--
Note: ③



mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com						
litr		ecn no.		dr		date		linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY				title 4P + 28S + 4P VERTICAL SOLDER RECEPT					
D									$.XXX \pm .005 / 0.XX \pm 0.13$				projection									
									$.XXX \pm .0020 / 0.XXX \pm 0.051$													
								angles	$0^\circ \pm 2^\circ$								product family PwrBlade				code	
								dr	M.MOSTOLLER		4/7/03		INCH/MM				size		dwg no		213	
								enr	M.MOSTOLLER		4/7/03		scale				A		51940-038		sheet	
								chr	H.BREWBAKER		4/7/03										2 of	
								appd	M.MOSTOLLER		4/7/03		1:1									
sheet index		revision sheet																				

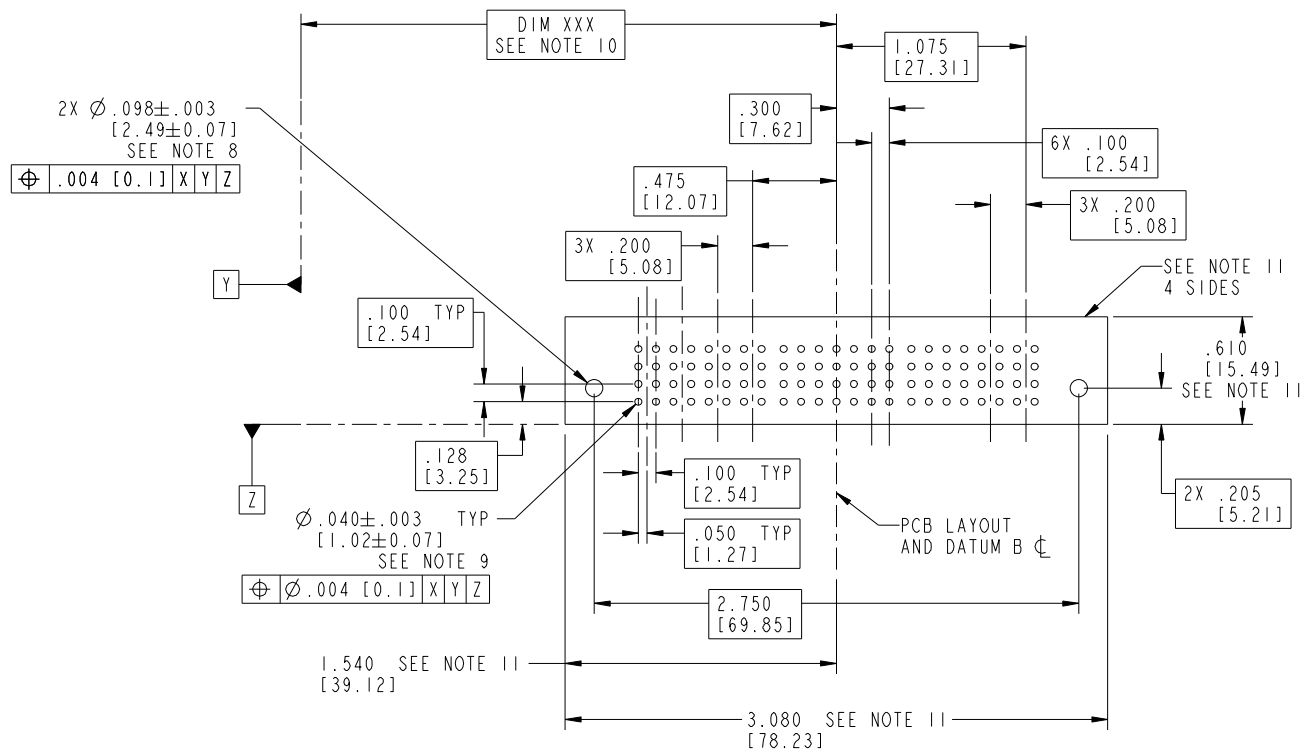
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PRODUCT NUMBER
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Note: ③



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear		.XX±.01/0.X±0.3		COPY	www.fciconnect.com		
D						.XXX±.005/0.XX±0.13		projection	title 4P + 28S + 4P		
				angles		.XXX±.0020/0.XXX±0.051			VERTICAL SOLDER RECEPT		
				dr	M.MOSTOLLER	4/7/03		INCH/MM	product family	PwrBlade	code 213
				enrg	M.MOSTOLLER	4/7/03			size	dwg no	sheet 3 of 4
				chr	H.BREWBAKER	4/7/03		scale	51940-038		
				appd	M.MOSTOLLER	4/7/03		1:1			
sheet index	revision sheet										

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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 5 & 6 IN PRINT 10064183 FOR PLATING SPEC OF 51940-038 AND 51940-038LF 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 $\pm$ 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.

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±.01/0.X±0.3		COPY				title		4P + 28S + 4P					
D										.XXX±.005/0.XX±0.13		projection						VERTICAL SOLDER RECEPT					
								angles		.XXX±.0020/0.XXX±0.051				INCH/MM		product family		PwrBlade		code			
										0°±2°								1:1		size		dwg no	
								dr		M.MOSTOLLER 4/7/03		scale		A		51940-038		sheet 4 of 4					
								enrg		M.MOSTOLLER 4/7/03													
								chr		H.BREWBAKER 4/7/03													
								appd		M.MOSTOLLER 4/7/03													
sheet index		revision		sheet																			

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