

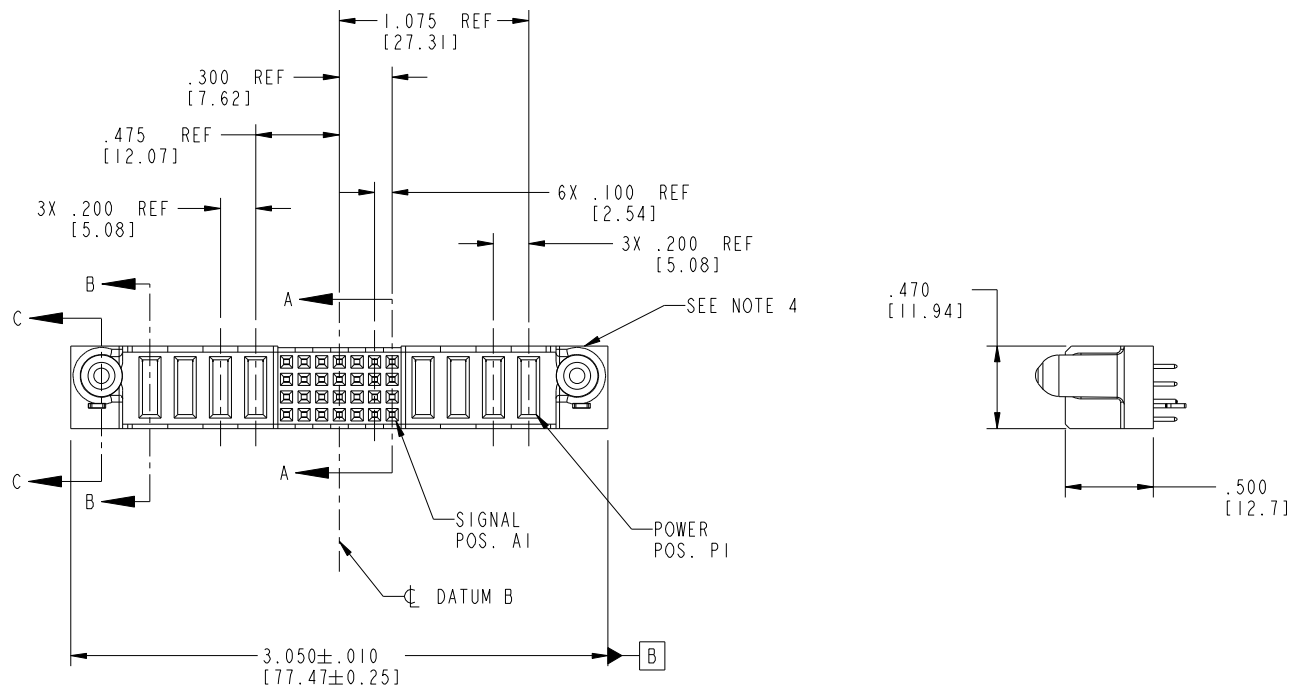


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	.042 [1.07]	POWER
E	N/A [N/A]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN

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	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V03-0391	MEM	4/7/03			.XX±.01/0.X±0.3		projection		title	4P + 28S + 4P
B	DG04-0086	LH	11/26/04			.XXX±.005/0.XX±0.13				product family	PwrBlade
C	DG05-0123	SJ	05/24/05			.XXX±.0020/0.XXX±0.051				size	213
D	DG08-0272	SH	09/28/08			0°±2°				dwg no	51940-038
						dr	M.MOSTOLLER	4/7/03		scale	1:1
						enrg	M.MOSTOLLER	4/7/03			sheet
						chr	H.BREWBAKER	4/7/03			1 of 4
						appd	M.MOSTOLLER	4/7/03			
sheet index	revision	D	D	D	D					cage code	22526
	sheet	1	2	3	4						

Pro/E

PDM: Rev:D

STATUSReleased

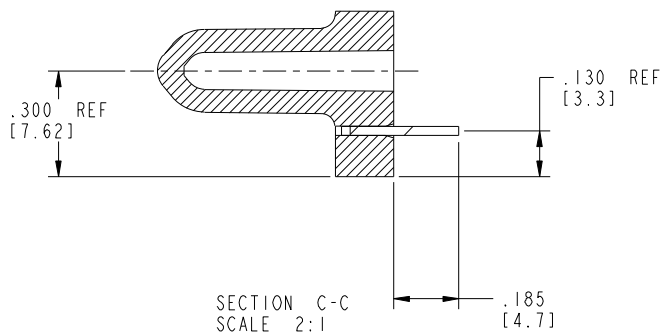
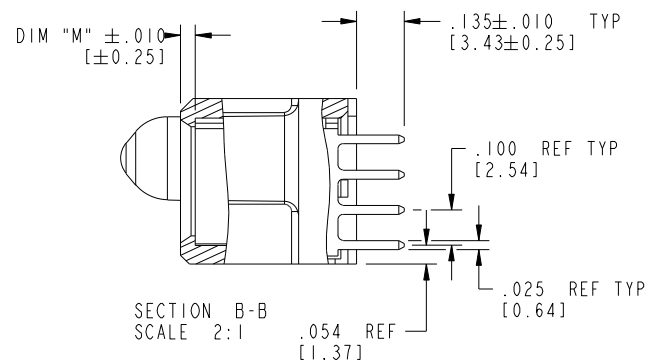
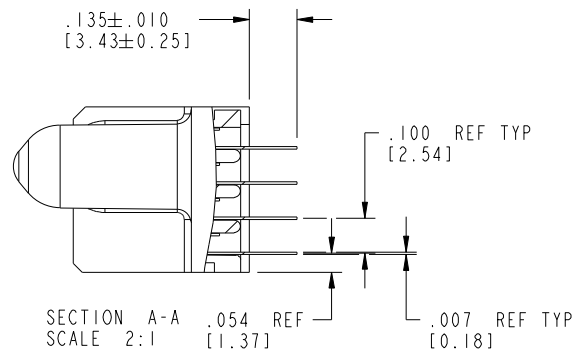
Printed: Oct 17, 2008

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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 											

Pro/E

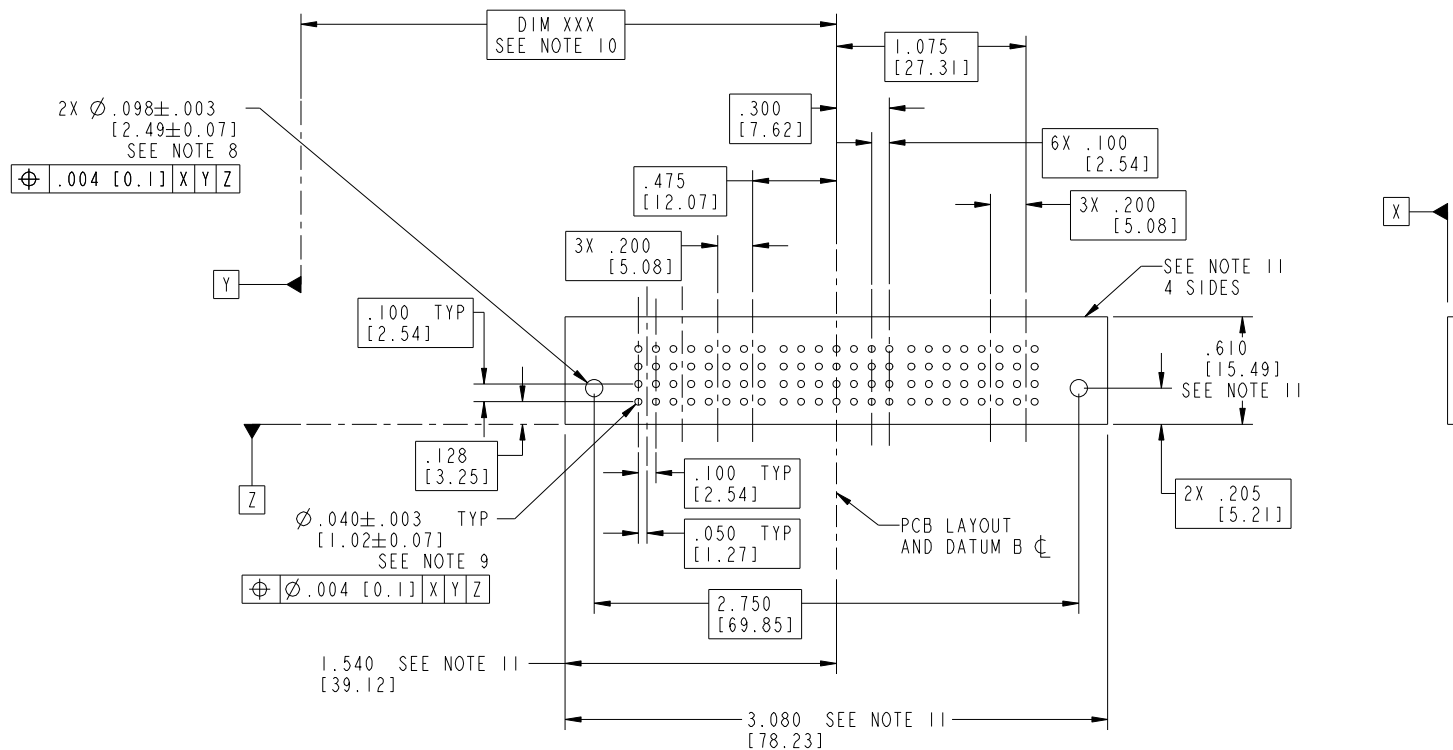
cage code 22526



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PRODUCT NUMBER
51940-038--
Note: ③



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		www.fciconnect.com	
D				angles	.XXX±.005/0.XX±0.13	projection		title	
					.XXX±.0020/0.XXX±0.051	INCH/MM		4P + 28S + 4P	
				dr	M.MOSTOLLER 4/7/03	scale		VERTICAL SOLDER RECEPT	
				enrg	M.MOSTOLLER 4/7/03	1:1		product family	
				chr	H.BREWBAKER 4/7/03	A		PwrBlade	
				appd	M.MOSTOLLER 4/7/03	size		code	
sheet index		revision sheet				dwg no		213	
						51940-038		3 of 4	
						cage code		22526	

Pro/E

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PRODUCT NUMBER
51940-038--
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 $\pm$.01/0.X $\pm$ 0.3		projection				title		4P + 28S + 4P		VERTICAL SOLDER RECEPT			
D										.XXX $\pm$.005/0.XX $\pm$ 0.13												.XXX $\pm$.0020/0.XXX $\pm$ 0.051	
								angles		0° $\pm$ 2°													
								dr		M.MOSTOLLER 4/7/03		INCH/MM		product family		PwrBlade		code		213			
								engr		4/7/03												size	
								chr		H.BREWBAKER 4/7/03		scale								4 of			
								appd		M.MOSTOLLER 4/7/03													
sheet index		revision sheet																					

cage code 22526