

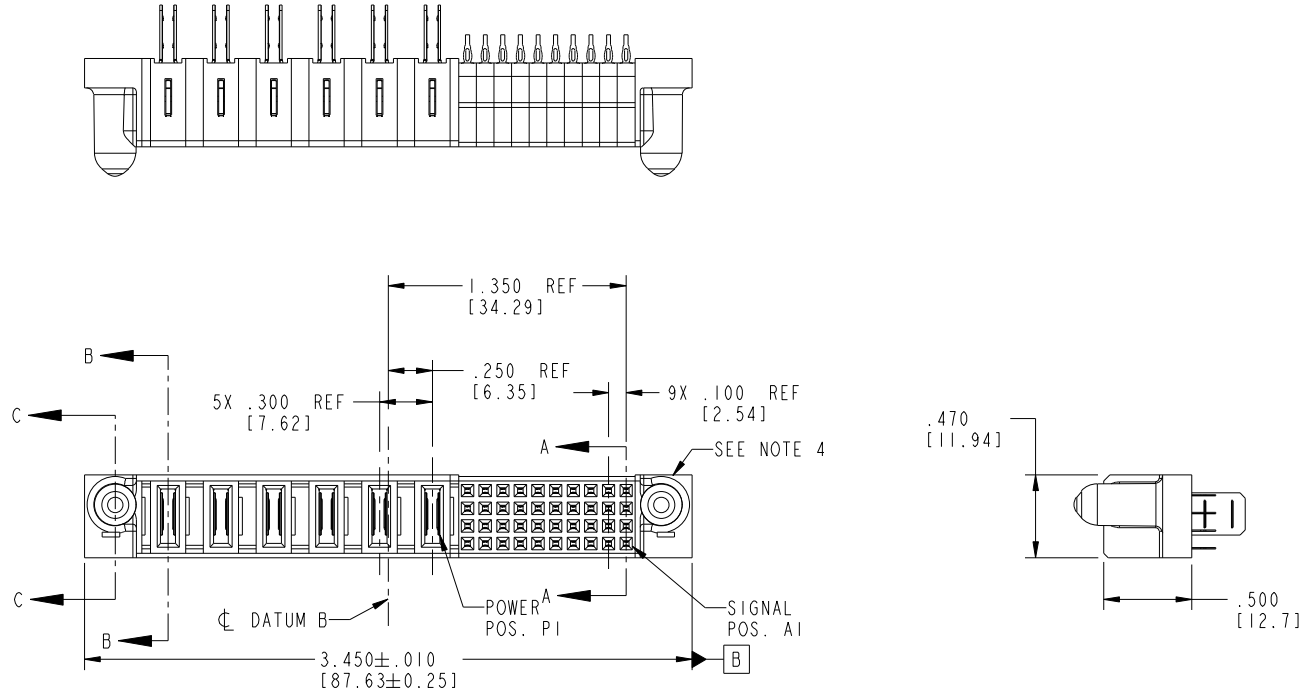


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CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PK	.092 [2.34]	POWER
PM	.042 [1.07]	POWER

PRODUCT NO.	ROWS	POWER							SIGNAL										E1
		E2	P6	P5	P4	P3	P2	P1	10	9	8	7	6	5	4	3	2	1	
51940-042-- Note: ③	D C B A		 PK	 PK	 PK	 PK	 PM	 PM	 F	 F	 F	 F	 F	 F	 F	 F	 F	 F	



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
A	V03-0481	MEM	4/29/03	linear		.XX±.01/0.X±0.3		projection		title 40S + 6ACP VERT P-F	
B	V03-0594	TAB	5/23/03			.XXX±.005/0.XX±0.13				RCPT. FOR BUS-BAR ATTACH	
C	DG05-0166	SJ	06/16/05	angles		.XXX±.0020/0.XXX±0.051				product family PwrBlade	
D	DG06-0395	LJCEN	09/22/06	dr	M. MOSTOLLER	4/29/03				code 213	
				enrg	M. MOSTOLLER	4/29/03				size sheet	
				chr	H. BREWBAKER	4/29/03				1 of 4	
				appd	M. MOSTOLLER	4/29/03					
sheet index		revision sheet		D	D	D	D				
				1	2	3	4				

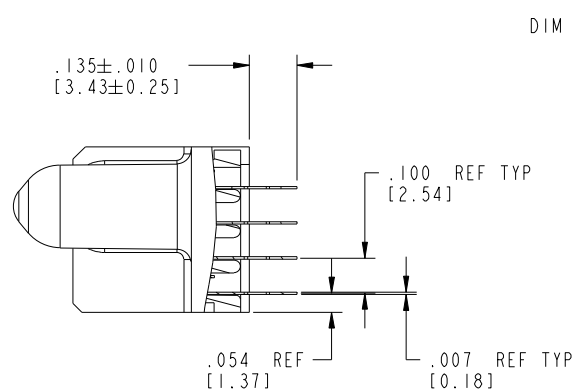
Pro/E		3		cage code 22526		4	
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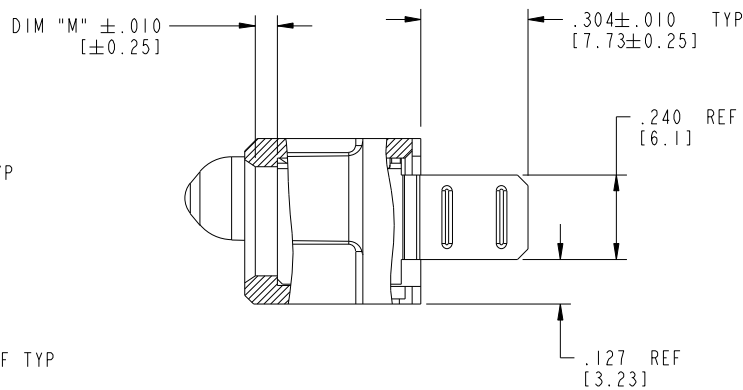
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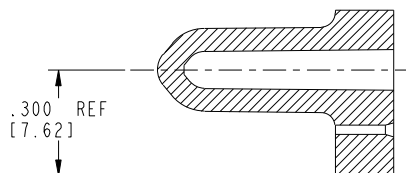
PRODUCT NUMBER
51940-042--
Note: ③



SECTION A-A
SCALE 2:1



SECTION B-B
SCALE 2:1



SECTION C-C
SCALE 2:1

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
litr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		projection		title	40S + 6ACP VERT P-F
D							.XXX±.005/0.XX±0.13					RCPT. FOR BUS-BAR ATTACH	
						angles	.XXX±.0020/0.XXX±0.051					product family	PwrBlade
						dr	M. MOSTOLLER 4/29/03					size	213
						enrg	M. MOSTOLLER 4/29/03					dwg no	51940-042
						chr	H. BREWBAKER 4/29/03					scale	2 of 4
						appd	M. MOSTOLLER 4/29/03						
sheet index	revision sheet												

Pro/E

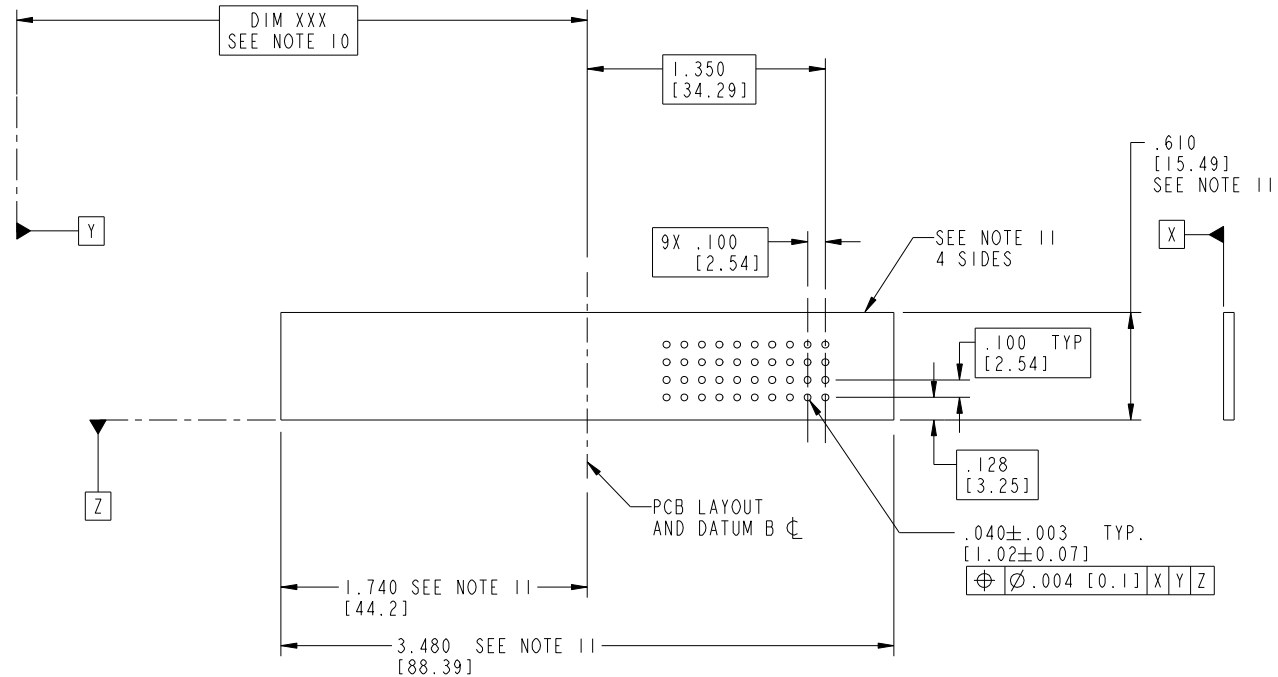
cage code 22526

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PRODUCT NUMBER
51940-042--
Note: ③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date					COPY		www.fciconnect.com	
D				linear		.XX±.01/0.X±0.3		projection		title 40S + 6ACP VERT P-F	
						.XXX±.005/0.XX±0.13				RCPT. FOR BUS-BAR ATTACH	
				angles		.XXX±.0020/0.XXX±0.051				product family PwrBlade	
				dr	M. MOSTOLLER	4/29/03		INCH/MM		size	code 213
				enrg	M. MOSTOLLER	4/29/03		scale		dwg no	sheet 3 of 4
				chr	H. BREWBAKER	4/29/03		1:1	A	51940-042	
				appd	M. MOSTOLLER	4/29/03					
sheet index	revision sheet										

Pro/E

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A



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B

PRODUCT NUMBER
51940-042-- 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 51940-042;51940-042LF;51940-042GLF PLATING SPEC. SEE PRINT:10064183
- 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 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. POWER CONTACTS ARE DESIGNED TO MATE WITH A .0625"[1.59MM] THICK BUS-BAR. ONCE MATED CONTACT CLIP MUST BE INSTALLED.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date					COPY					
D				linear		.XX $\pm$.01/0.X $\pm$ 0.3		projection				title 40S + 6ACP VERT P-F RCPT. FOR BUS-BAR ATTACH	
						.XXX $\pm$.005/0.XX $\pm$ 0.13							
				angles		.XXX $\pm$.0020/0.XXX $\pm$ 0.051				INCH/MM		product family PwrBlade	
						0 $\pm$ 2°							
				dr		M. MOSTOLLER 4/29/03		scale		size		dwg no	
				enrg		M. MOSTOLLER 4/29/03							
				chr		H. BREWBAKER 4/29/03		1:1		A		51940-042	
				appd		M. MOSTOLLER 4/29/03							
sheet index		revision sheet											

A

B

1 | 2

Pro/E

3 |

cage code 22526

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