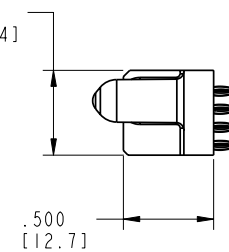
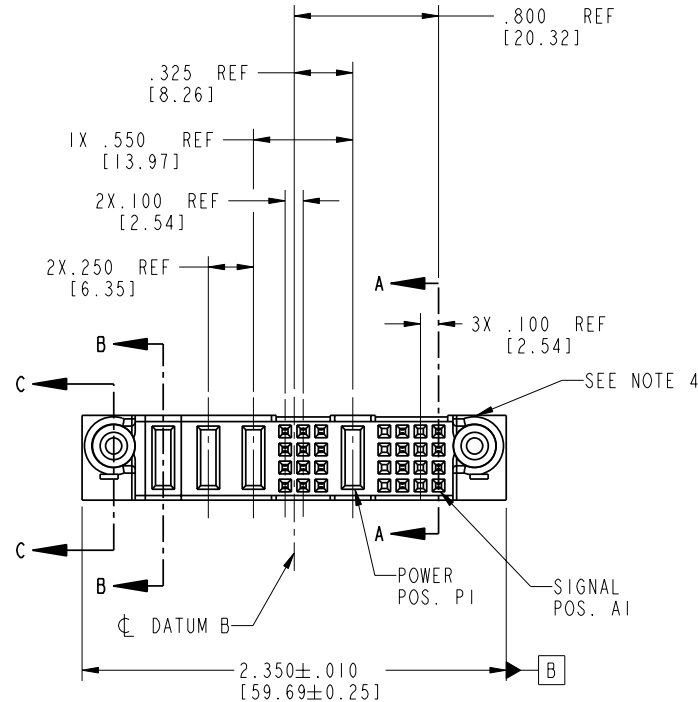


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PRODUCT NO.	ROWS	POWER				SIG			PWR			SIG			E1
		E2	P4	P3	P2	7	6	5	P1	4	3	2	1		
51940-125-- NOTE 3	D C B A		 PF	 PC	 PC	 F	 F	 F	 PC	 F	 F	 F	 F		



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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
SEE NOTE 2						COPY		www.fciconnect.com	
lir	ecr no.	dr	date	linear	.XX±.01/0.X±0.3	projection		title	
A	DG05-0029	SLUO	3/9/05		.XXX±.005/0.XX±0.13			16S+1P+12S +3P VERTICAL PF RECEPT	
B	DG05-0057	SLUO	3/24/05		.XXX±.0020/0.XXX±0.051				
C	DG06-0181	RYAN	05/12/06	angles	0°±2°	INCH/MM		product family	
				dr	SLUO 3/9/05	scale 1:1		PwrBlade	
				enrg	M. MOSTOLLER mm/dd/yy			code	
				chr	VICTOR LIN 3/9/05			213	
				appd	JOSEPH HSIA 3/9/05			sheet	
sheet index	revision	C	C	C	C			1 of 4	
	sheet	1	2	3	4				

cage code 22526

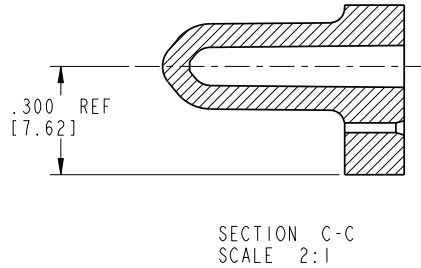
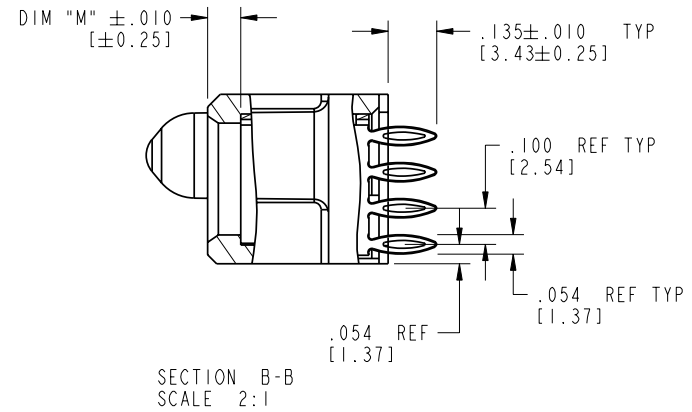
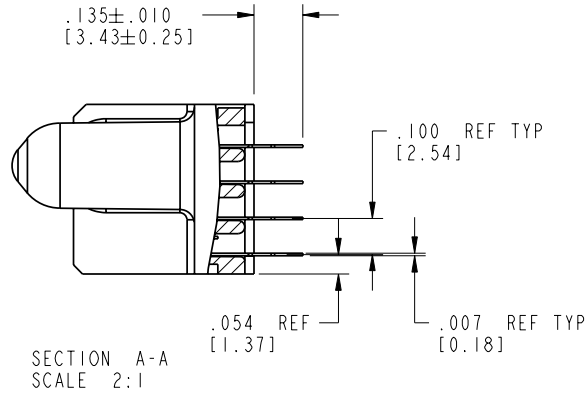
Pro/E

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PRODUCT NUMBER
51940-125--
NOTE 3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
lir	ecr no.	dr	date	linear	linear	.XX±.01/0.X±0.3	projection	COPY	www.fciconnect.com		
B				angles	angles	.XXX±.005/0.XX±0.13	INCH/MM		title	16S+1P+12S +3P	
				dr	dr	.XXX±.002/0.XXX±0.051	scale	1:1	product family	PwrBlade	code
				enrg	enrg	0°±2°			size	dwg no	213
				chr	chr				A	51940-125	sheet
				appd	appd						2 of 4
sheet index	revision sheet										

cage code 22526

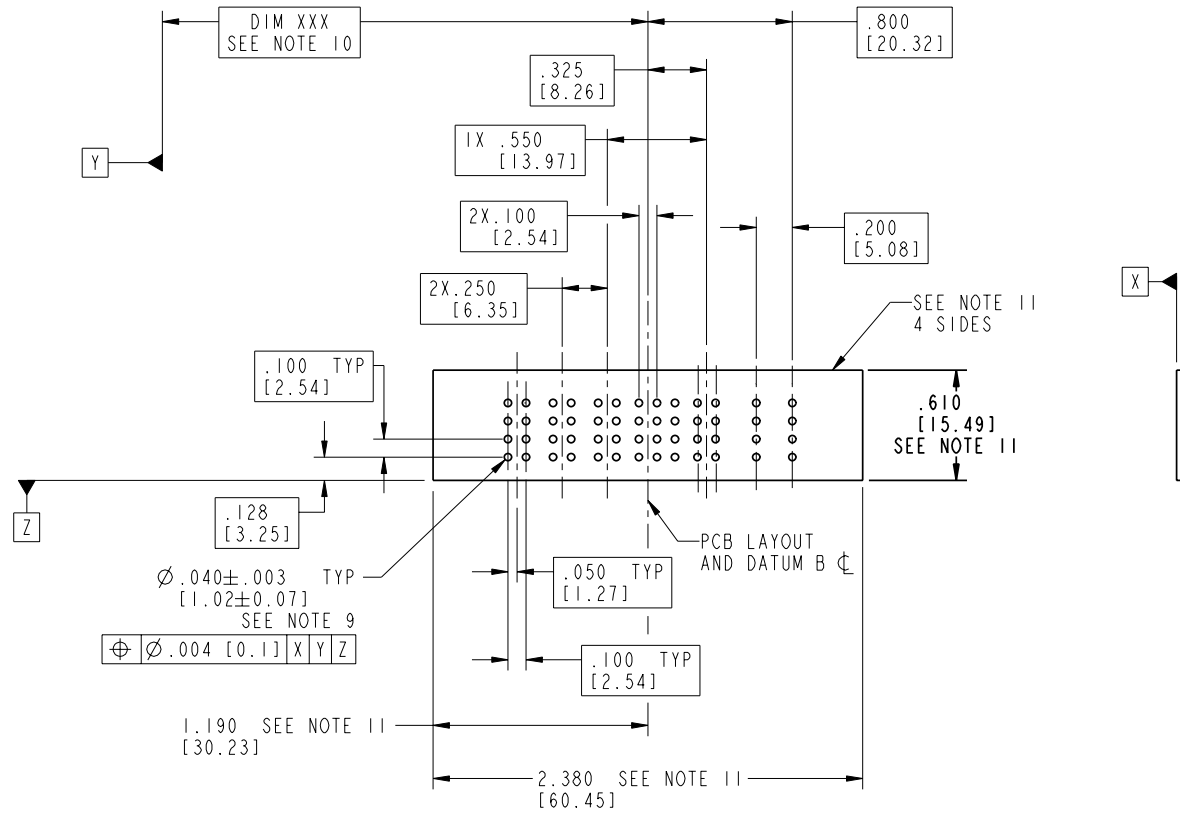
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PRODUCT NUMBER
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NOTE 3



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	
B				linear	.XXX±.005/0.XX±0.13	projection		title 16S+1P+12S +3P	
				linear	.XXX±.002/0.XXX±0.051			VERTICAL PF RECEPT	
				angles	0°±2°			product family PwrBlade	
				dr	SLUO 3/9/05	INCH/MM		code 213	
				enrg	M. MOSTOLLER mm/dd/yy	scale		size dwg no	
				chr	VICTOR LIN 3/9/05	1:1		A 51940-125	
				appd	JOSEPH HSIA 3/9/05			sheet 3 of 4	
sheet index	revision	sheet							

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3 |

4

PRODUCT NUMBER

51940-125--
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 PRINT 10064183 FOR PLATING SPEC OF 51940-125; 51940-125LF
- 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.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
lfr	ecr no.	dr	date	linear	.XX $\pm$.01/0.X $\pm$ 0.3	COPY		www.fciconnect.com	
B				linear	.XXX $\pm$.005/0.XX $\pm$ 0.13	projection		title 16S+1P+12S +3P	
				angles	.XXX $\pm$.0020/0.XXX $\pm$ 0.051			VERTICAL PF RECEPT	
				dr	0 $^{\circ}$ $\pm$ 2 $^{\circ}$	INCH/MM		product family PwrBlade	
				enrg	SLUO 3/9/05	scale		code 213	
				chr	M. MOSTOLLER mm/dd/yy			size dwg no	
				appd	VICTOR LIN 3/9/05			A 51940-125	
					JOSEPH HSIA 3/9/05			sheet 4 of 4	
sheet index	revision	sheet							

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Pro/E

3 |

cage code 22526

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