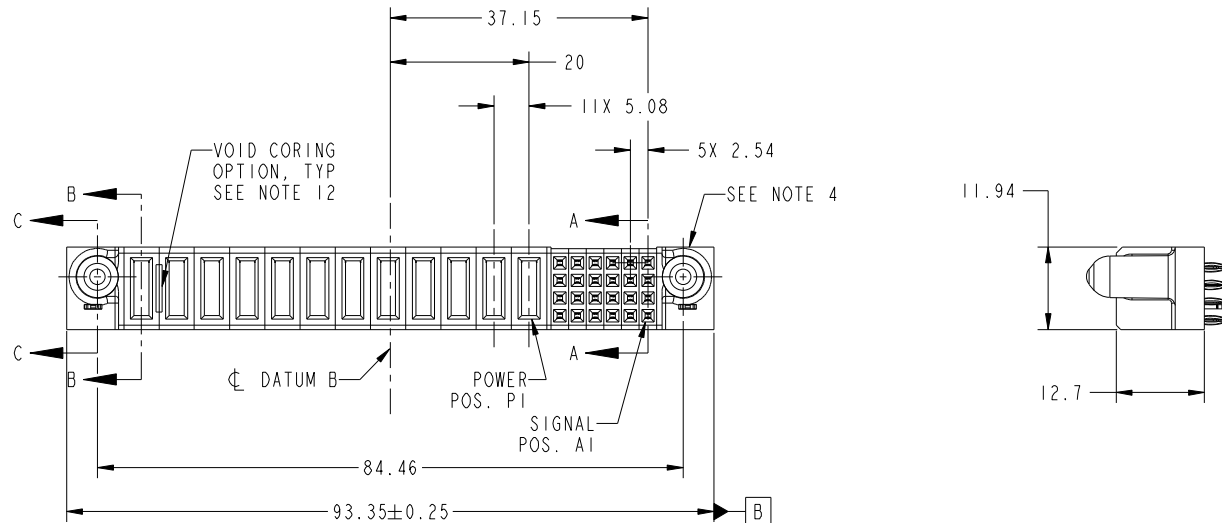


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PRODUCT NO.	ROW S	POWER														SIGNAL					
		E2	P12	P11	P10	P9	P8	P7	P6	P5	P4	P3	P2	P1	6	5	4	3	2	1	E1
51940-302-- NOTE: 3	D C B A		PF	PF	PC	PC	PC	PC	PC	PC	PF	PF	PF	PF	F	F	F	F	F	F	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	[1.07]	POWER
F	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN
PF	[2.34]	POWER

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date			linear	0.X ± 0.5	COPY		www.fciconnect.com	
A	DG09-0250	JW	08/06/09			angles	0.XX ± 0.25	projection		title	
							0.XXX ± 0.1			24S + 12P	
							0° ± 2°			VERTICAL PRESS-FIT RECEPT	
						dr	JULIA WANG 06/23/09			product family	
						enrg	JEROME CHEN 06/23/09			PwrBlade	
						chr	PM ZHENG 06/23/09			code	
						appd	JOSEPH HSIA 06/23/09			213	
sheet index	revision sheet	A	A	A	A			scale	1:1	size	
		1	2	3	4					dwg no	
										51940-302	
										sheet	
										1 of 4	

Pro/E

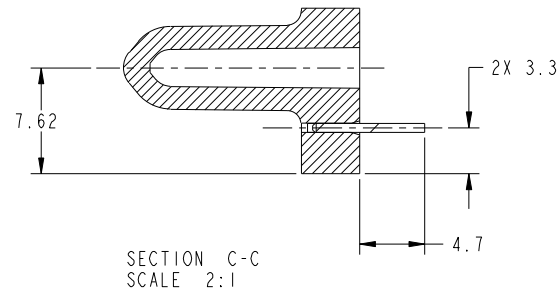
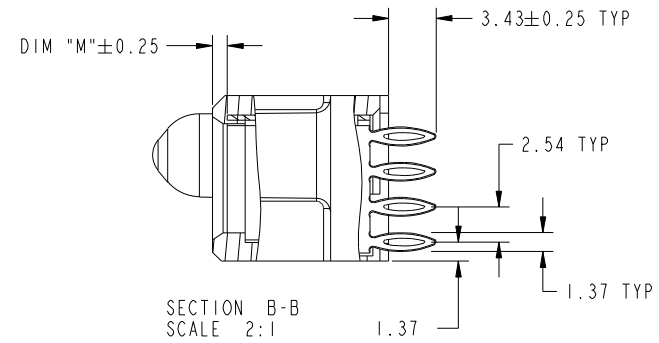
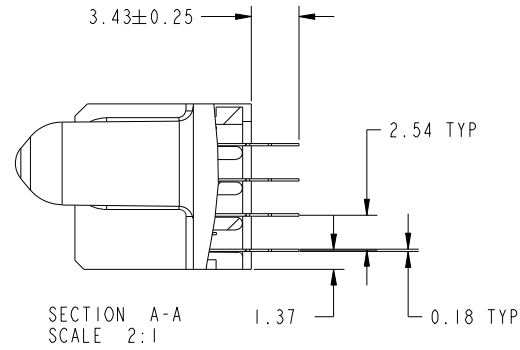
cage code 22526

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PRODUCT NUMBER
51940-302--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
A				linear	0.XX ± 0.25	projection		title	
				angles	0.XXX ± 0.1			24S + 12P	
				dr	0° ± 2°			VERTICAL PRESS-FIT RECEPT	
				enr	JULIA WANG 06/23/09	MIM		product family PwrBlade	
				chr	JEROME CHEN 06/23/09			code	
				appd	PM ZHENG 06/23/09			size	
					JOSEPH HSIA 06/23/09			dwg no	
sheet index	revision sheet					scale		A	
						1:1		51940-302	
								sheet	
								2 of 4	

Pro/E

cage code 22526

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PRODUCT NUMBER
51940-302--
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 SPEC.

SEE ITEM 7 & 8 IN PRINT 10068143 FOR PLATING SPEC. OF 51940-302, 51940-302LF 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 $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.

10 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11 CONNECTOR KEEP-OUT ZONE.

12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE
OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID
CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

mat'l code				tolerances unless otherwise specified		CUSTOMER			
ltr	ecn no.	dr	date			COPY		www.fciconnect.com	
A				linear	$0.X \pm 0.5$	projection		title	
					$0.XX \pm 0.25$			24S + 12P	
				angles	$0.XXX \pm 0.1$			VERTICAL PRESS-FIT RECEPT	
					$0^\circ \pm 2^\circ$			product family	
				dr	JULIA WANG 06/23/09	scale		PwrBlade	
				enrg	JEROME CHEN 06/23/09	1:1		code	
				chr	PM ZHENG 06/23/09			size	
				appd	JOSEPH HSIA 06/23/09			dwg no	
sheet		revision						A	
index		sheet						51940-302	
								sheet	
								4 of 4	

cage code 22526