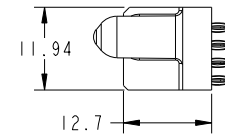
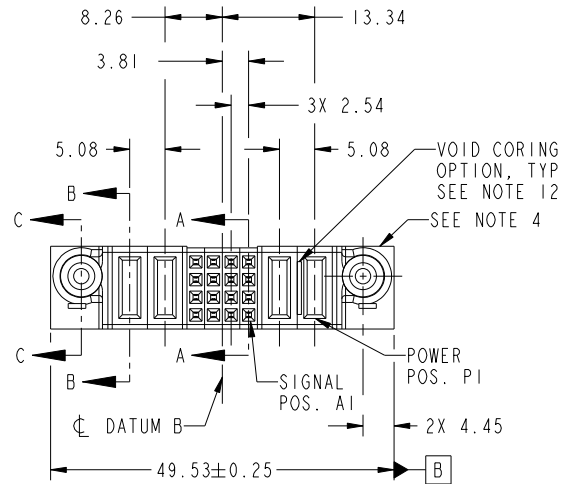


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PRODUCT NO.	ROWS	POWER		SIGNAL				POWER		E1	
		E2	P4	P3	4	3	2	1	P2		P1
51940-281-- NOTE: 3	D C B A		 PF	 PF	 F	 F	 F	 F	 PF	 PF	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PF	[2.34]	POWER
F	[N/A]	SIGNAL

mat'l code				SEE NOTES		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date					COPY			www.fciconnect.com
A	DG09-0044	WD	02/23/09	linear		0.X ±0.5		projection		title	2P + 16S + 2P VERTICAL PRESS-FIT RECEPT
				angles		0.XX ±0.25				product family	PwrBlade
				dr	Warren Du	02/17/09		MIM		size	code
				enr	Warren Du	02/17/09		scale		dwg no	213
				chr	Gary Hsieh	02/17/09		1:1		51940-281	sheet
				appd	Joseph Hsia	02/17/09					1 of 4
sheet index	revision sheet	A	A	A	A						
		1	2	3	4						

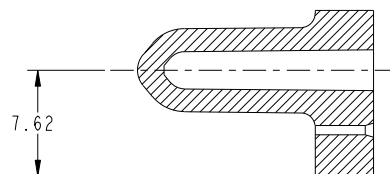
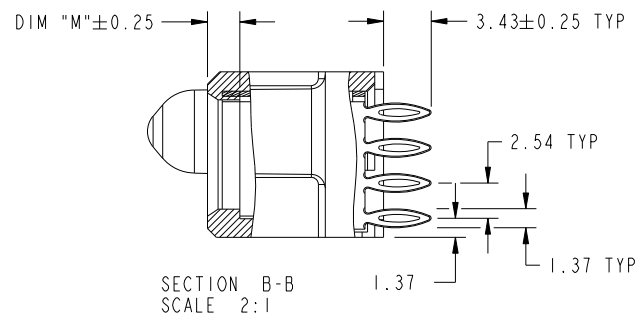
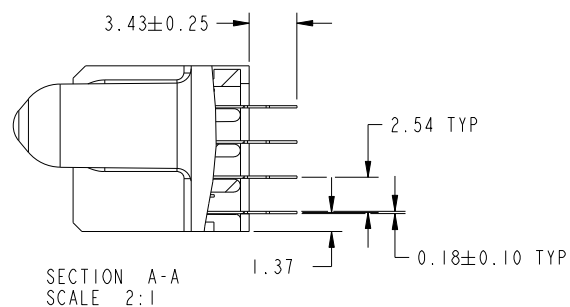
cage code 22526

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PRODUCT NUMBER
51940-281--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.5	projection	COPY	www.fciconnect.com	
A					0.XX ±0.25			title	
					0.XXX ±0.1			2P + 16S + 2P VERTICAL PRESS-FIT RECEPT	
				angles	0° ±2°	MIM	scale	product family	
				dr	Warren Du 02/17/09			PwrBlade	code
				enr	Warren Du 02/17/09			size	213
				chr	Gary Hsieh 02/17/09	1:1	A	dwg no	sheet
				appd	Joseph Hsia 02/17/09			51940-281	2 of 4
sheet index	revision sheet								
								cage code	

Pro/E

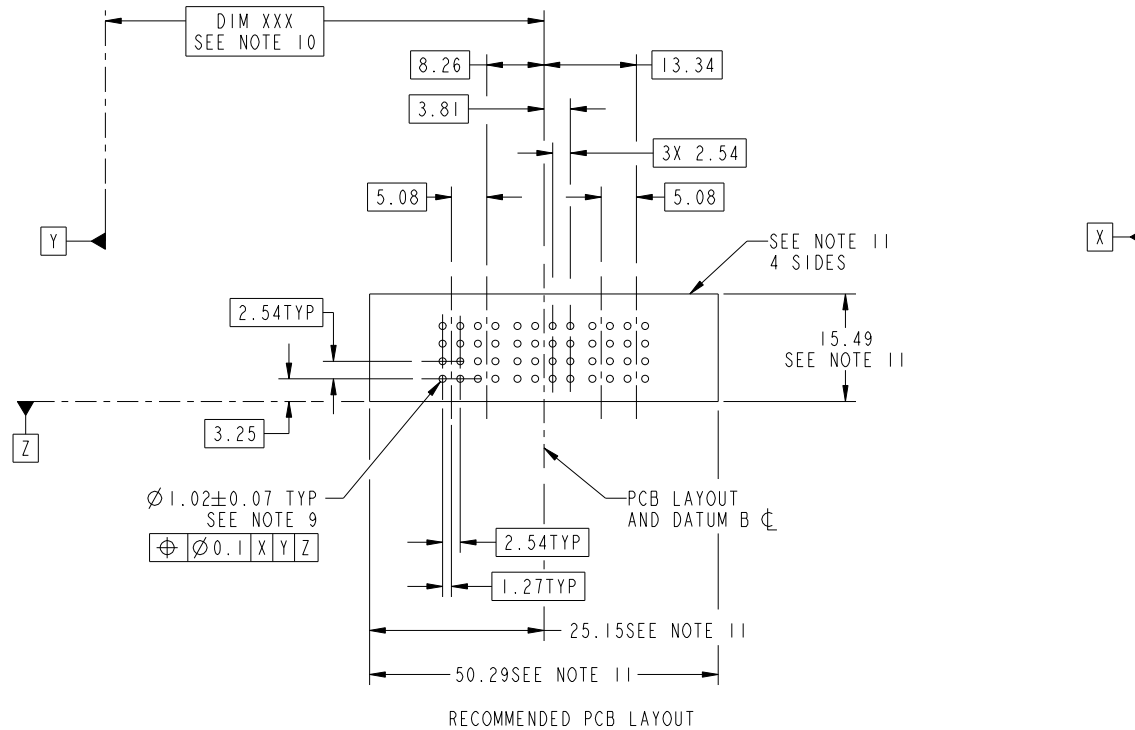
cage code 22526

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PRODUCT NUMBER
51940-281--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A				linear	0.XX ±0.25	projection		title 2P + 16S + 2P	
				angles	0.XXX ±0.1			VERTICAL PRESS-FIT RECEPT	
				dr	0° ±2°			product family PwrBlade	
				enr	Warren Du 02/17/09	MIM		code 213	
				chr	Warren Du 02/17/09			size dwg no	
				appd	Gary Hsieh 02/17/09	scale		A 51940-281	
					Joseph Hsia 02/17/09	1:1		sheet 3 of 4	
sheet index	revision sheet							cage code 22526	

Pro/E

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PRODUCT NUMBER
51940-281-- 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. SEE ITEM 7 & 8 IN PRINT 10064183 FOR PLATING SPEC OF 51940-281 AND 51940-281LF 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		FCI	
ltr	ecn no.	dr	date			COPY		www.fciconnect.com	
A				linear	$0.X \pm 0.5$	projection		title	
					$0.XX \pm 0.25$			2P + 16S + 2P	
				angles	$0.XXX \pm 0.1$			VERTICAL PRESS-FIT RECEPT	
					$0^\circ \pm 2^\circ$			product family	
				dr	Warren Du 02/17/09	MIM		PwrBlade	
				enrg	Warren Du 02/17/09	scale		code	
				chr	Gary Hsieh 02/17/09	1:1		213	
				appd	Joseph Hsia 02/17/09	A		sheet	
sheet index		revision sheet						4 of 4	

cage code 22526