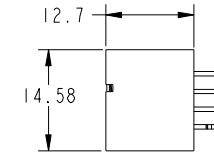
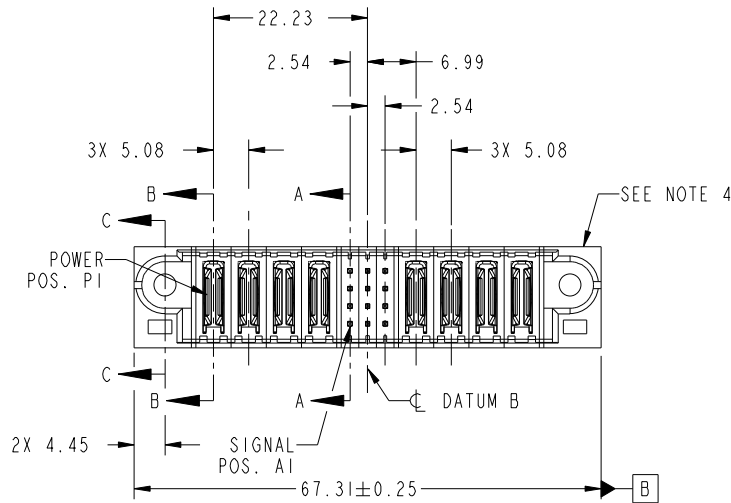


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PRODUCT NO.	ROWS	POWER				SIGNAL			POWER				E2	
		E1	P1	P2	P3	P4	1	2	3	P5	P6	P7		P8
51952-158-- NOTE ③	D C B A													



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[N/A]	POWER
E	[6.86]	SIGNAL
HA	[N/A]	HOLD-DOWN
H	[5.59]	SIGNAL

mat'l code				tolerances unless otherwise specified		CUSTOMER			
ltr	ecn no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com	
A	DG09-0336	WD	10/28/09	angles	0.XX ± 0.25	projection		title	
					0.XXX ± 0.1			4P + 12S + 4P	
				dr	0° ± 2°	MIM		VERTICAL SOLDER HEADER	
				enr	Warren Du 10/19/09	product family		PwrBlade	
				chr	Warren Du 10/19/09	size		code	
				appd	PM ZHENG 10/19/09	dwg no		213	
					JOSEPH HSIA 10/19/09	scale		sheet	
						1:1		1 of 4	
sheet index	revision sheet	A	A	A	A	A		A	
		1	2	3	4				

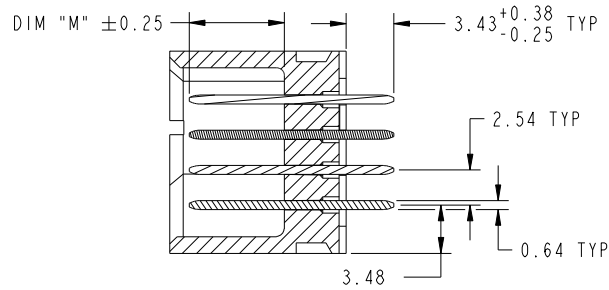
cage code 22526

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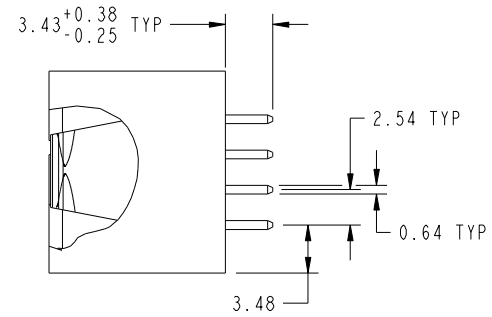
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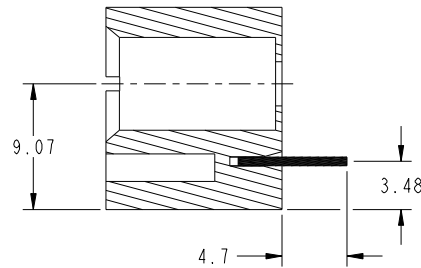
PRODUCT NUMBER  
51952-158\_\_  
NOTE 3



SECTION A-A  
SCALE 2:1



SECTION B-B  
SCALE 2:1



SECTION C-C  
SCALE 2:1

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.5	COPY		title	
A					0.XX ±0.25	projection		4P + 12S + 4P VERTICAL SOLDER HEADER	
				angles	0.XXX ±0.1			product family	
				dr	0° ±2°			PwrBlade	
				enr	Warren Du 10/19/09	scale		code	
				chr	Warren Du 10/19/09	1:1		213	
				appd	PM ZHENG 10/19/09	A		sheet	
					JOSEPH HSIA 10/19/09			2 of 4	
sheet index		revision sheet							

cage code 22526

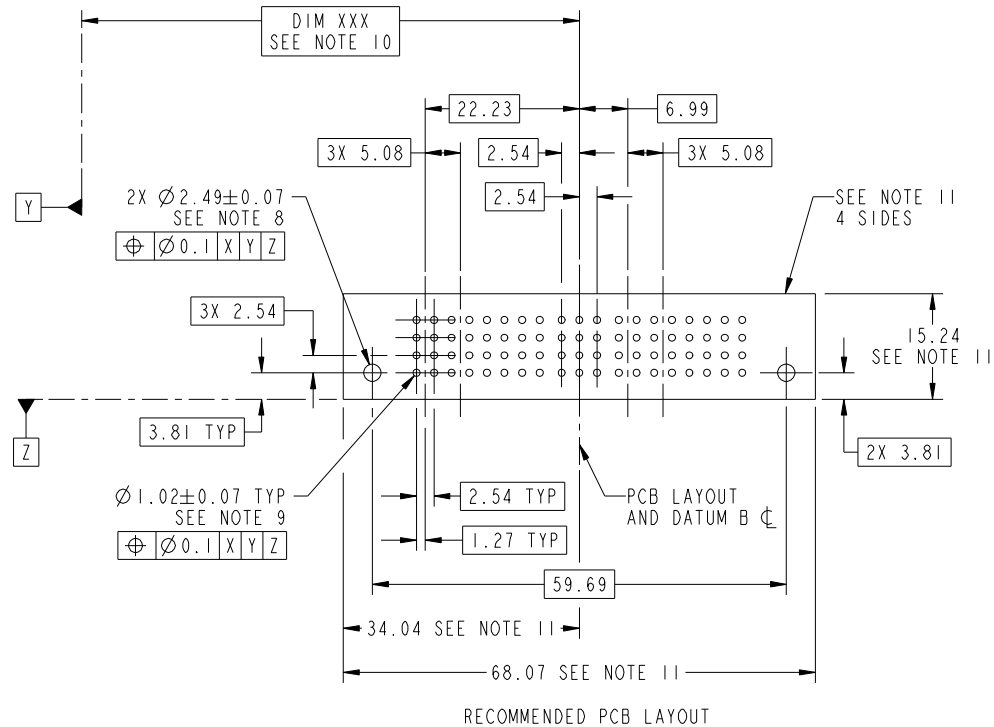
Pro/E

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PRODUCT NUMBER  
51952-158\_\_  
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					0.XX ± 0.25	projection		title	
				angles	0.XXX ± 0.1			4P + 12S + 4P VERTICAL SOLDER HEADER	
				dr	0° ± 2°	MIM		product family PwrBlade code	
				enr	Warren Du 10/19/09			size	
				chr	Warren Du 10/19/09	scale		dwg no	
				appd	PM ZHENG 10/19/09	1:1		51952-158	
					JOSEPH HSIA 10/19/09			sheet	
sheet index		revision sheet						3 of 4	

cage code 22526

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PRODUCT NUMBER  
51952-158\_  
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 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51952-158 AND 51952-158LF RESPECTIVELY.
- 4 MANUFACTURER'S NAME, DATE CODE AND OPTIONAL P/N TO APPEAR ON THIS SURFACE. THE P/N CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE 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 .001 [0.03] TO 0.08 Cu PLATING TO ACHIEVE  $\varnothing 1.02 \pm .07$  HOLE.

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

11 CONNECTOR KEEP-OUT ZONE.

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr 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			4P + 12S + 4P VERTICAL SOLDER HEADER	
				dr	0° ± 2°	MIM		product family PwrBlade code	
				enr	Warren Du 10/19/09	← MIM →		size 213	
				chr	Warren Du 10/19/09	scale		dwg no 51952-158 sheet	
				appd	PM ZHENG 10/19/09	1:1		4 of 4	
					JOSEPH HSIA 10/19/09				
sheet index	revision sheet								

cage code 22526

Pro/E