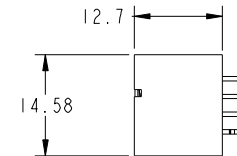
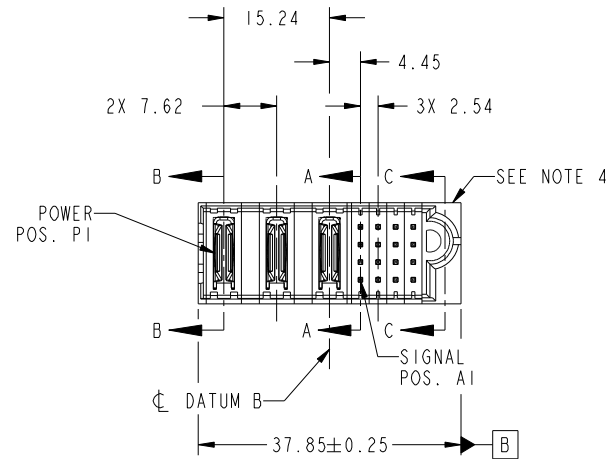


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PRODUCT NO.	ROWS	E1	POWER			SIGNAL				E2
			P1	P2	P3	1	2	3	4	
51952-166-- NOTE③	D C B A		PA	PA	PA	1	2	3	4	HA



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

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A	DG10-0094	WD	03/10/10	angles	0.XX ±0.25	projection		title	3ACP + 16S
					0.XXX ±0.1				VERTICAL SOLDER HEADER
				dr	0° ±2°			product family	PwrBlade
				enrg	Warren Du 01/30/10	MIM		code	213
				chr	Warren Du 01/30/10			size	dwg no
				appd	PM ZHENG 01/30/10	scale		A	51952-166
					JOSEPH HSIA 01/30/10	1:1		sheet	1 of 4
sheet index	revision sheet	A	A	A	A				
		1	2	3	4				

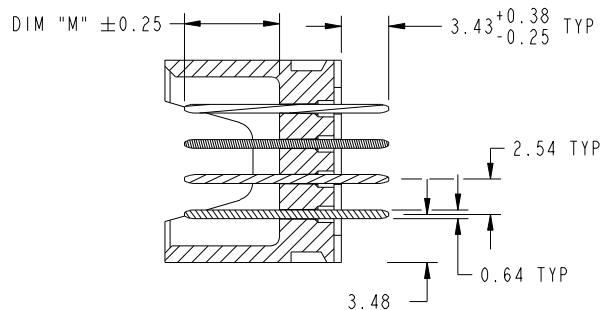
cage code 22526

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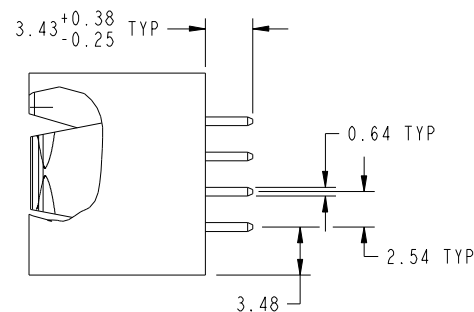


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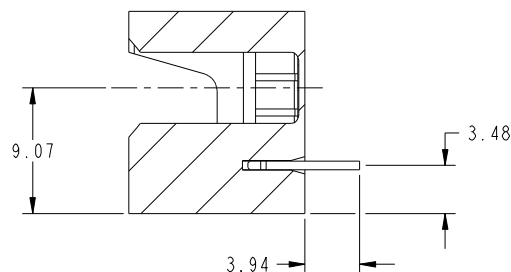
PRODUCT NUMBER
51952-166--
NOTE 3



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		FCI	
litr	ecr no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com	
A					0.XX ±0.25	projection		title 3ACP + 16S VERTICAL SOLDER HEADER	
				angles	0.XXX ±0.1				
					0° ±2°				
				dr	Warren Du 01/30/10	MIM		product family	PwrBlade
				enr	Warren Du 01/30/10			size	213
				chr	PM ZHENG 01/30/10			dwg no	51952-166
				appd	JOSEPH HSIA 01/30/10			sheet	2 of 4
sheet index	revision sheet					scale 1:1			

cage code 22526

Pro/E

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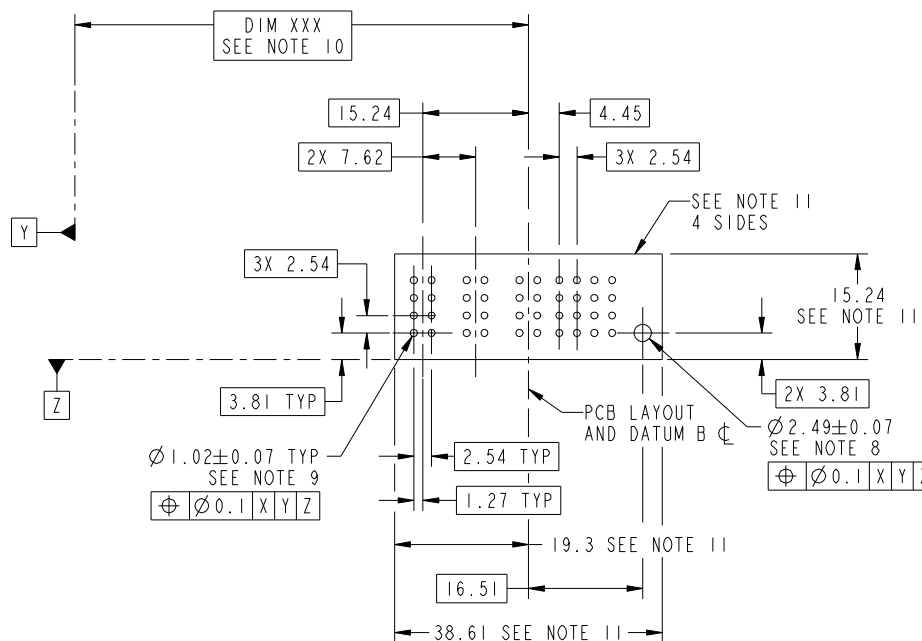
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PRODUCT NUMBER
51952-166--
NOTE 3

1 | 2

3 |

4



RECOMMENDED PCB LAYOUT

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 3ACP + 16S VERTICAL SOLDER HEADER	
				angles	0.XXX ±0.1			product family PwrBlade code 213	
				dr	Warren Du 01/30/10			size dwg no 51952-166 sheet 3 of 4	
				enr	Warren Du 01/30/10				
				chr	PM ZHENG 01/30/10				
				appd	JOSEPH HSIA 01/30/10				
sheet index	revision sheet					scale 1:1			

Pro/E

3 |

cage code 22526

4

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PRODUCT NUMBER
51952-166-- 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 51952-166 AND 51952-166LF 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				www.fciconnect.com				
litr	ecr no.	dr	date	linear	$0.X \pm 0.5$	COPY			title	3ACP + 16S VERTICAL SOLDER HEADER				
A					$0.XX \pm 0.25$	projection								
					$0.XXX \pm 0.1$									
				angles	$0^\circ \pm 2^\circ$					product family				
				dr	Warren Du 01/30/10					PwrBlade		code		
				enrg	Warren Du 01/30/10					size		213		
				chr	PM ZHENG 01/30/10	scale		A	dwg no	sheet				
				appd	JOSEPH HSIA 01/30/10	1:1				4 of 4				
sheet index	revision sheet													

cage code 22526