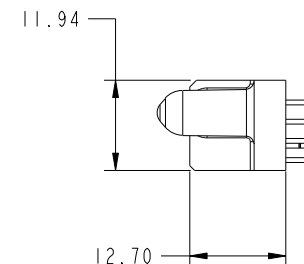
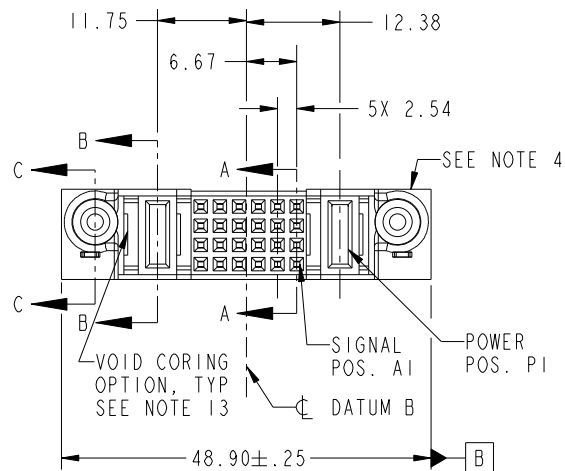
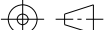




PRODUCT NO.	ROWS	PWR		SIGNAL						PWR	
		E2	P2	6	5	4	3	2	1	P1	E1
51940-030- NOTE: 3	D C B A			E	E	E	E	E	E	P	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	[N/A]	SIGNAL
PA	[1.07]	POWER
PD	[2.34]	POWER
HA	[N/A]	HOLD-DOWN

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.5		projection 		title IP + 24S + IP VERTICAL SOLDER RECEPT	product family PwrBlade	code 213
A	V03-0081	TAB	01/17/03		0.XX ±0.25						
B	V03-1171	TAB	10/30/03		0.XXX ±0.10						
C	V04-1118	TAB	11/16/04	angles	0° ±2°		scale 1:1	size A	dwg no 51940-030	sheet 1 of 4	
D	DG05-0418	CS	11/16/05	dr	T. BRUNGARD	01/17/03					
E	DG05-0508	CS	11/28/05	engr	M. MOSTOLLER	01/17/03					
F	DG07-0498	JW	09/12/08	chr	M. MOSTOLLER	01/17/03					
				appd	M. MOSTOLLER	01/17/03					
sheet index	revision sheet	F 1	F 2	F 3	F 4						

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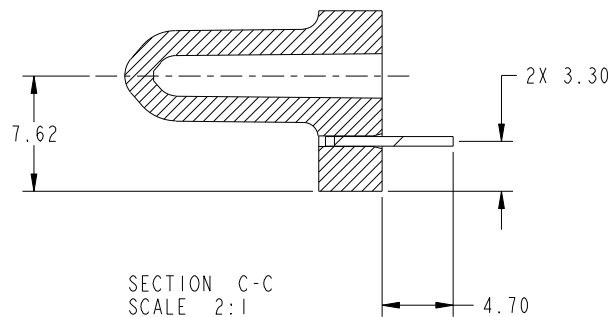
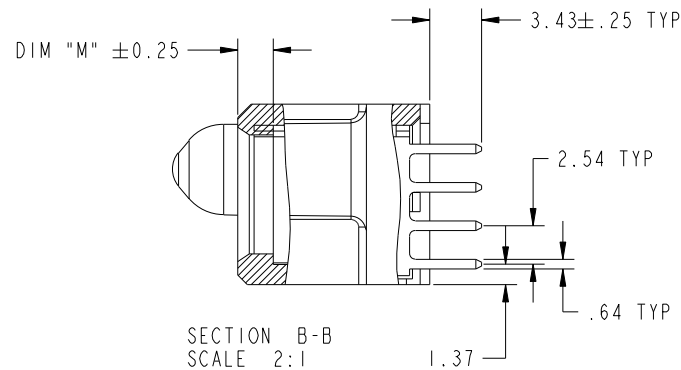
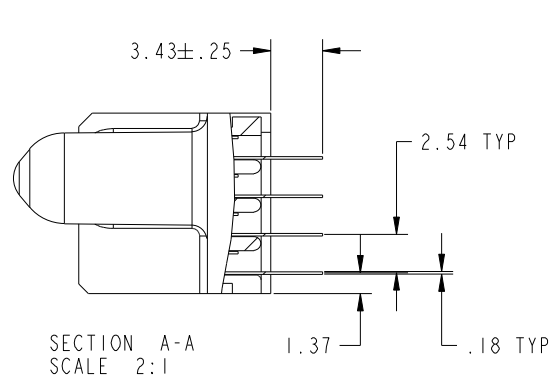
1 | 2

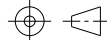
3 |

4

PRODUCT NUMBER

51940-030--
NOTE: 3



mat'l code				SSEE NOTE				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com			
lir	ecn no.		dr	date	linear	0.X ±0.5				COPY				title IP + 24S + IP VERTICAL SOLDER RECEPT					
F						0.XX ±0.25				projection									
						0.XXX ±0.10													
					angles	0° ±2°								product family PwrBlade					
					dr	T. BRUNGARD		01/17/03		scale 1:1				size	dwg no		code	213	
					enrg	M. MOSTOLLER		01/17/03						A	51940-030		sheet	2	
					chr	M. MOSTOLLER		01/17/03											
					appd	M. MOSTOLLER		01/17/03											
sheet index		revision sheet																	

1 | 2

Pro/E

PDM: Rev:F

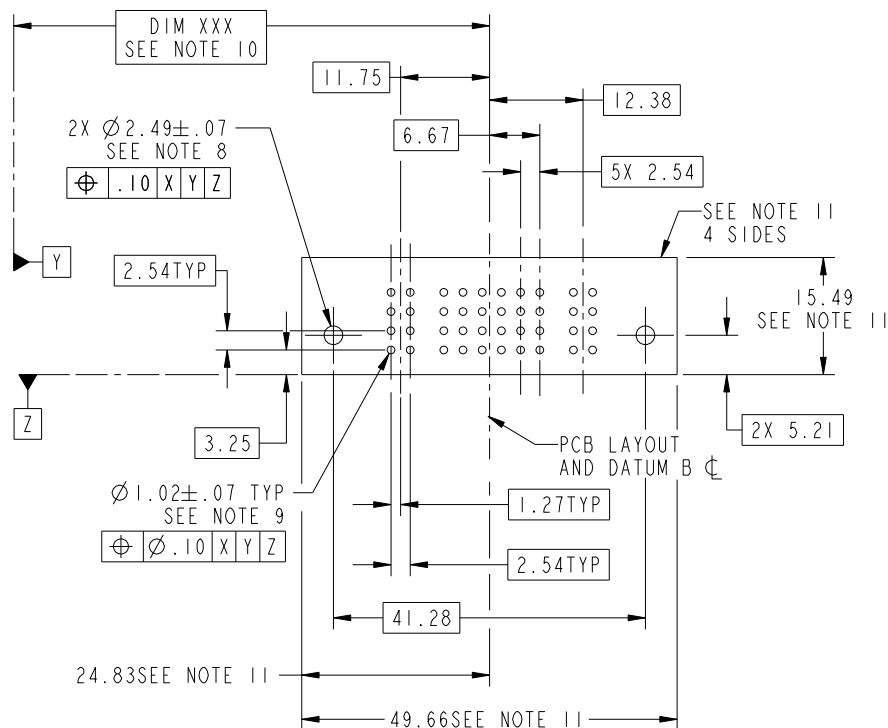
STATUS: Released

Printed: Dec 20, 2010



PRODUCT NUMBER

51940-030--
NOTE: 3



mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI			
lir	ecn no.	dr	date					COPY		www.fciconnect.com			
F				linear		0.X ± 0.5		projection		title IP + 24S + IP VERTICAL SOLDER RECEPT			
						0.XX ± 0.25							
				angles		0.XXX ± 0.10				product family PwrBlade			
						0° $\pm 2°$							
				dr	T. BRUNGARD	01/17/03		MM		size 51940-030			
				enrg	M. MOSTOLLER	01/17/03		scale					
				chr	M. MOSTOLLER	01/17/03				code 213			
				appd	M. MOSTOLLER	01/17/03							
sheet index	revision sheet									A			

1 | 2

3 |

4

PRODUCT NUMBER

51940-030--
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 ITEM 586 IN PRINT 10064183 FOR PLATING SPEC OF 51940-030; 51940-030LF PRESPECTIVELY

- 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
 $\varnothing 1.02 \pm .07$ HOLE.

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

- ⑪ CONNECTOR KEEP-OUT ZONE.

- 12 A △ SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH
THE CURRENT DRAWING REVISION.

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

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$0.X \pm 0.5$	COPY		projection		title	
F					$0.XX \pm 0.25$					IP + 24S + IP	
					$0.XXX \pm 0.10$					VERTICAL SOLDER RECEPT	
				angles	$0^\circ \pm 2^\circ$					product family	
				dr	T. BRUNGARD 01/17/03					PwrBlade	
				enrg	M. MOSTOLLER 01/17/03					code	
				chr	M. MOSTOLLER 01/17/03					213	
				appd	M. MOSTOLLER 01/17/03					sheet	
										4	
sheet	revision										
index	sheet										

A

A

B

B

1 | 2

Pro/E

PDM: Rev:F

STATUS: Released

Printed: Dec 20, 2010

Mouser Electronics

Authorized Distributor

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