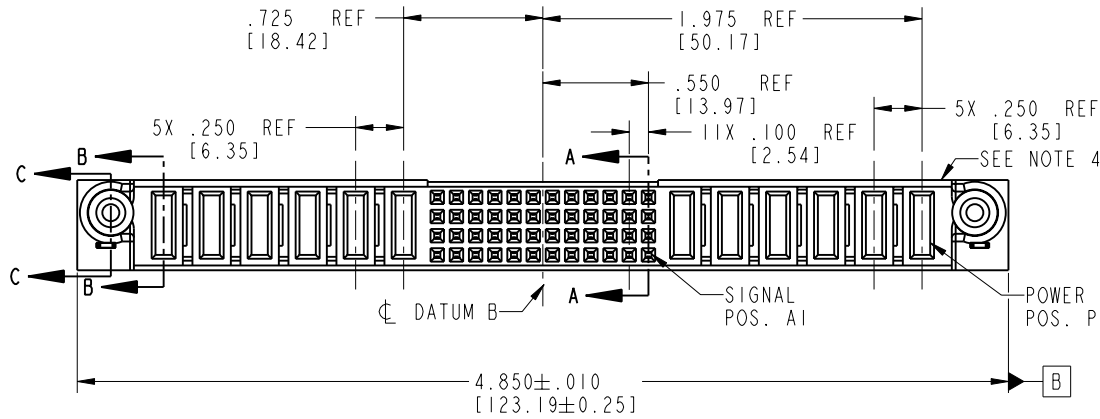


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PRODUCT NO.	ROWS	POWER							SIGNAL												POWER						E1																																																																																																																																																																																																																																																																																																																																																										
		E2	P12	P11	P10	P9	P8	P7	12	11	10	9	8	7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1																																																																																																																																																																																																																																																																																																																																																											
51750-049-- NOTE: 3	D C B A																																																																																																																																																																																																																																																																																																																																																																																				</



CODE	DIM "M" MATING LENGTH		CONTACT TYPE
F	N/A	[N/A]	SIGNAL
PC	.042	[1.07]	POWER
PF	.092	[2.34]	POWER
HA	N/A	[N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	INCH/MM	scale	1:1	title
A	V03-0511	TAB	05/07/03		.XXX±.005/0.XX±0.13						
B	V03-0595	TAB	05/23/03		.XXX±.0020/0.XXX±0.051						
C	V03-0646	TAB	06/09/03	angles	0°±2°	INCH/MM	scale	1:1	1:1	product family	PwrBlade
D	DG05-0504	GuoJM	11/29/05	dr	T. BRUNGARD 05/07/03						
				enrg	M. MOSTOLLER 05/07/03						
				chr	M. MOSTOLLER 05/07/03	INCH/MM	scale	1:1	1:1	product family	PwrBlade
				appd	M. MOSTOLLER 05/07/03						
sheet index	revision	D	D	D	D						
	sheet	1	2	3	4						
code code 22526											

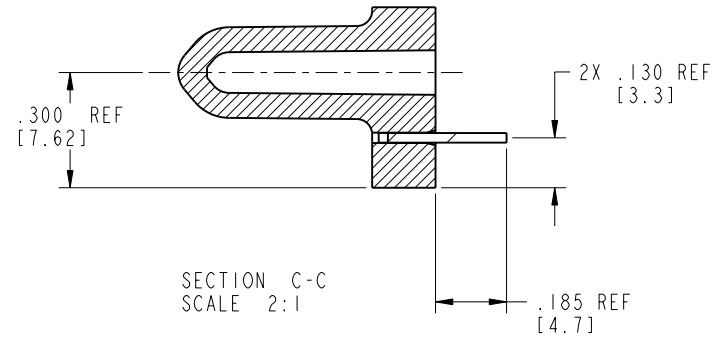
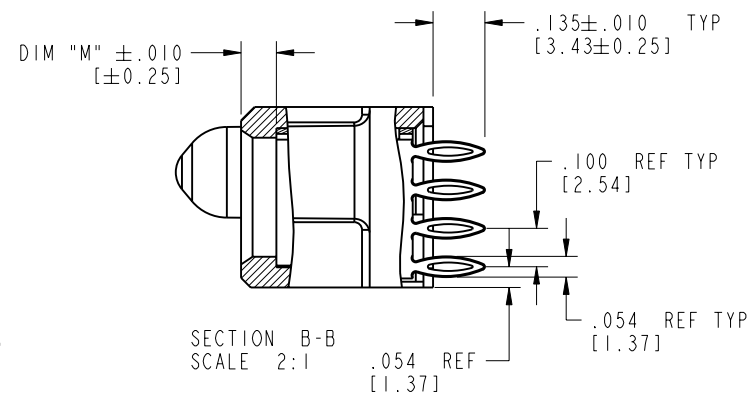
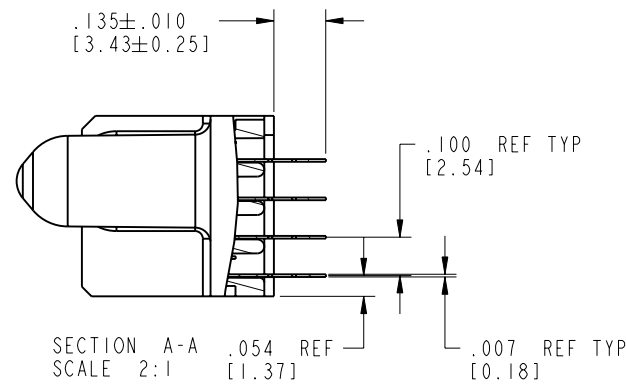
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PRODUCT NUMBER
51750-049--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
lfr	ecn no.	dr	date	linear	angular	COPY	projection		
D				.XX±.01/0.X±0.3				title	6P + 48S + 6P
				.XXX±.005/0.XX±0.13				product family	PwrBlade
				.XXXX±.0020/0.XXX±0.051				code	213
				0° ± 2°				size	dwg no
				dr T. BRUNGARD 05/07/03				A	51750-049
				enr M. MOSTOLLER 05/07/03				sheet	2 of 4
				chr M. MOSTOLLER 05/07/03					
				appd M. MOSTOLLER 05/07/03					
sheet index	revision sheet								

cage code 22526

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Aug 14, 2007

PRODUCT NUMBER

51750-049__

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:

51750-049 Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 100u"/2.54um SnPb PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

51750-049LF Singal Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA.
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.
Power Pin:30u"/0.76um Au OVER 50u"/1.27um Ni ON THE CONTACT AREA,
AND 78u"/2.00um Sn PLATING OVER 50u"/1.27um Ni ON THE TERMINATION SECTION.

PART NUMBER 51750-049LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

THE HOUSING WILL WITHSTAND EXPOSURE TO 260° PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A CIRCUIT BOARD.

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:

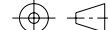
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8 MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9 $\varnothing.0453\pm.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing.040\pm.003$ [1.02 $\pm$.07] HOLE.

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

11 CONNECTOR KEEP-OUT ZONE.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection 	title 6P + 48S + 6P VERTICAL PRESS-FIT RECEPT	product family PwrBlade	code 213	
D					.XXX±.005/0.XX±0.13						
					.XXX±.0020/0.XXX±0.051						
				angles	0°±2°		INCH/MM  scale 1:1	size A	dwg no 51750-049	sheet 4 of 4	
				dr	T. BRUNGARD	05/07/03					
				engr	M. MOSTOLLER	05/07/03					
				chr	M. MOSTOLLER	05/07/03					
				appd	M. MOSTOLLER	05/07/03					
sheet index		revision sheet									

cage code 22526

Pro/E

3

4