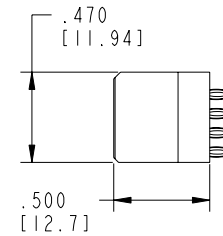
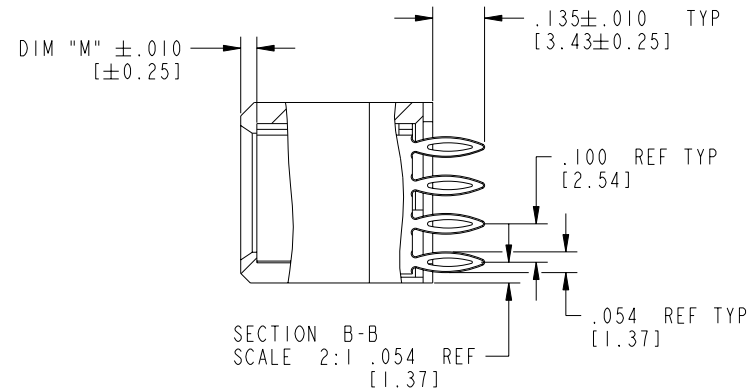
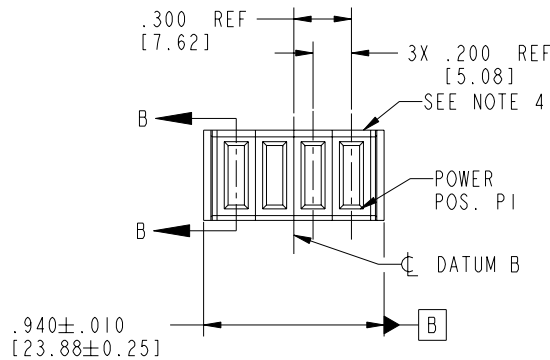


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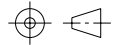
FCI

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PRODUCT NO.	POWER			
	P4	P3	P2	P1
51940-150-- NOTE: ③	PC	PC	PC	PC



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PC	.042 [1.07]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date					COPY			
A	DG05-0158	GUOJM	6/13/05	linear		.XX±.01/0.X±0.3		projection		title	4P
						.XXX±.005/0.XX±0.13				VERTICAL PF RECEPT	
				angles		.XXX±.0020/0.XX±0.051		INCH/MM		product family	PwrBlade
				dr	JM Guo	06/13/05		scale	1:1	size	dwg no
				enr	SLUO	06/13/05				A	51940-150
				chr	VICTOR LIN	06/13/05					
				appd	JOSEPH HSIA	06/13/05					
sheet index	revision sheet	A 1	A 2	A 3	A 4						

Pro/E

cage code 22526

PDM: Rev:A

STATUS Released

Printed: Oct 08, 2006

Printed: Oct 08, 2006

PRODUCT NUMBER
51940-150__
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:

51940-150 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.

51940-150LF 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 51940-150LF 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:

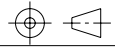
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	$.XX \pm .01/0.X \pm 0.3$		COPY			title	
A					$.XXX \pm .005/0.XX \pm 0.13$		projection			4P	
					$.XXX \pm .0020/0.XXX \pm 0.051$		scale			VERTICAL PF RECEPT	
				angles	$0^\circ \pm 2^\circ$		INCH/MM			product family	
				dr	JM Guo	06/13/05	1:1			PwrBlade	
				enrg	SLUO	06/13/05				code	
				chr	VICTOR LIN	06/13/05			size		213
				appd	JOSEPH HSIA	06/13/05			dwg no		sheet
sheet index		revision sheet								3 of 3	
										A 51940-150	

cage code 22526

Pro/E

3

4