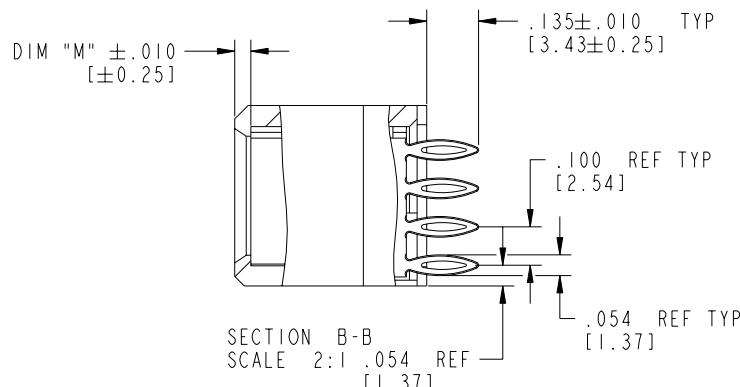
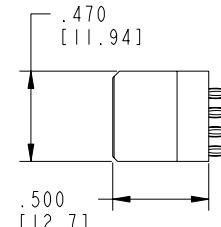
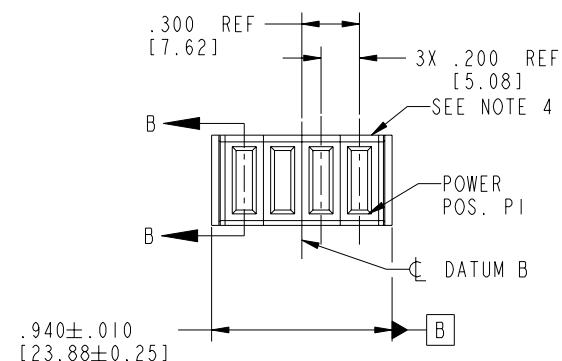


PRODUCT NO.	POWER			
	P4	P3	P2	P1
51940-150- NOTE: (3)	PC	PC	PC	PC



SECTION B-B
SCALE 2:1 .054 REF [1.37]



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

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER COPY	A FCI	www.fciconnect.com		
ltr	ecn no.	dr	date	XX±.01/0.X±0.3	projection			title 4P		
A	DG05-0158	GUOJM	6/13/05	XXX±.005/0.XX±0.13	angle	VERTICAL PF RECEPT				
				XXXX±.0020/0.XXXX±0.051	0°±2°					
				dr	JM Guo	06/13/05	product family	PwrBlade	code	
				engr	SLUO	06/13/05	size	dwg no	213	
				chr	VICTOR LIN	06/13/05	scale		sheet	
				oppd	JOSEPH HSIA	06/13/05	A 51940-150		1 of 3	

PRODUCT NUMBER
51940-150--
NOTE: (3)

PCB LAYOUT AND DATUM B

Y

Z

DIM XXX
SEE NOTE 10

.300
[7.62]

3X 200
[5.08]

SEE NOTE 11
4 SIDES

.100 TYP
[2.54]

.128
[3.25]

.050 TYP
[1.27]

.100 TYP
[2.54]

$\emptyset .040 \pm .003$ TYP
[$1.02 \pm .07$]
SEE NOTE 9

$\emptyset .004$ [0.1] X Y Z

.485 SEE NOTE 11
[12.32]

.970 SEE NOTE 11
[24.64]

.610
[15.49]
SEE NOTE 11

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	 FCI	www.fciconnect.com		
Itr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3 XXX±.005/0.XX±0.13 XXXX±.0020/0.XXX±0.051	angles	°±2°			COPY	projection	title
A											VERTICAL PF RECEIPT	
				dr	JM GUO	06/13/05	INCH/MM scale 1:1	product family		PwrBlade	code	
				engr	SLUO	06/13/05		size	dwg no		213	
				chr	VICTOR LIN	06/13/05					sheet	
				oppd	JOSEPH HSIA	06/13/05		A	51940-150		2 of 3	
sheet index		revision sheet										
Pro/E						3	cage code		22526	4		

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:30 μ m /0.76 μ m Au OVER 50 μ m /1.27 μ m Ni ON THE CONTACT AREA,
AND 100 μ m /2.54 μ m SnPb PLATING OVER 50 μ m /1.27 μ m Ni ON THE TERMINATION SECTION.

51940-150LF Power Pin:30 μ m /0.76 μ m Au OVER 50 μ m /1.27 μ m Ni ON THE CONTACT AREA,
AND 78 μ m /2.00 μ m Sn PLATING OVER 50 μ m /1.27 μ m 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.

A

- ④ MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

A

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 ± 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	COPY	projection	title	www.fciconnect.com	
ltr	ecn no.	dr	date	linear	angles	dr	engr	chr	appd	INCH/MM	product family	PwrBlade	code
A						JM Guo	06/13/05						
						SLUO	06/13/05						
						VICTOR LIN	06/13/05						
						JOSEPH HSIA	06/13/05						
sheet index		revision											
		sheet											