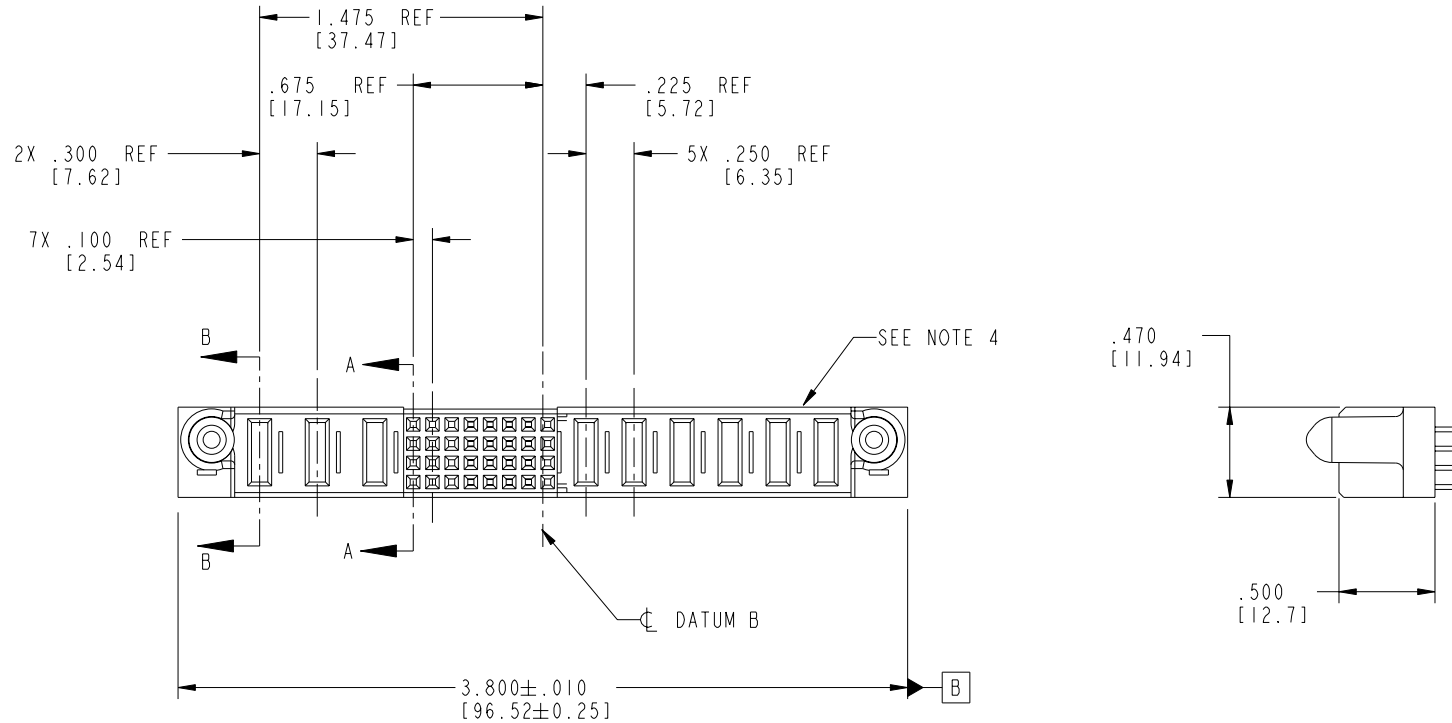


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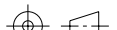
FCI

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PRODUCT NO.	ROW S	POWER				SIGNAL									POWER						E1	
		E2	P9	P8	P7	8	7	6	5	4	3	2	1	P6	P5	P4	P3	P2	P1			
51936-002-- NOTE:③	D C B A					X	X	X	E	E	E	E	E	X								
						X	X	X	E	E	E	E	E	X								
						X	X	X	E	E	E	E	E	X								
						X	X	X	E	E	E	E	E	X								



CODE	DIM "M" ±.010[0.25]	CONTACT TYPE
E	N/A [N/A]	SIGNAL
PA	.042 [1.07]	POWER
PD	.092 [2.34]	POWER
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection	COPY		title	6P + 32S + 3P VERTICAL SOLDER RECEPTACLE	product family	PwrBlade	code	
A	V20023	DAI	01/07/02		.XXX±.005/0.XX±0.13										
B	V20384	JWS	02-25-02		.XXXX±.0020/0.XXX±0.051										
C	V21719	CGD	10/30/02	angles	0°±2°		INCH/MM	scale	1:1	A	51936-002	size	dwg no	213	
D	DG05-0301	CS	08/26/05	dr	D. INGRAM	01/07/02									
				enrg	M. MOSTOLLER	01/07/02									
				chr	M. MOSTOLLER	01/07/02									sheet
				appd	M. MOSTOLLER	01/07/02									1 of 4
sheet index	revision sheet	D	D	D	D	D									
		1	2	3	4										

Pro/E

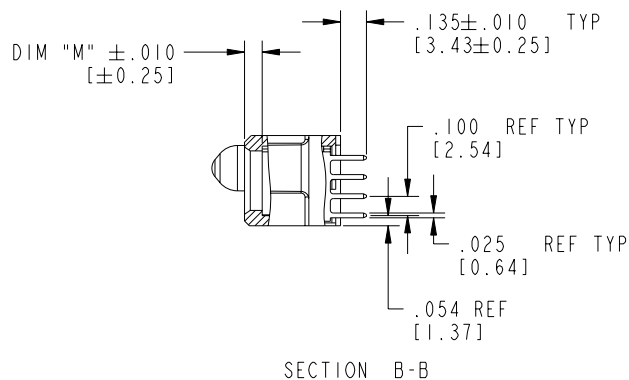
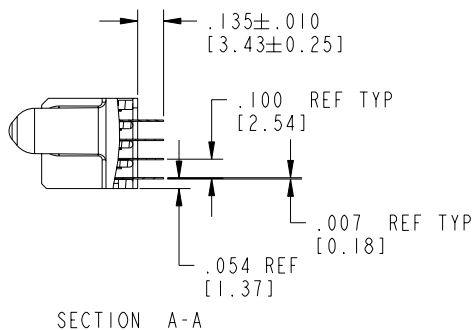
cage code 22526

PDM: Rev:D

STATUS: Released

Printed: Aug 15, 2007

PRODUCT NUMBER
51936-002--
NOTE:③



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com							
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection 	title							
D					.XXX±.005/0.XX±0.13					6P + 32S + 3P							
					.XXX±.0020/0.XXX±0.051					VERTICAL SOLDER RECEPTACLE							
				angles	0°±2°				INCH/MM scale 1:1	product family				PwrBlade		code	
				dr	D. INGRAM	01/07/02				size	dwg no	213					
				enr	M. MOSTOLLER	01/07/02						sheet					
				chr	M. MOSTOLLER	01/07/02						2					
				appd	M. MOSTOLLER	01/07/02				A		51936-002					
sheet index		revision sheet															

Pro/E

cage code 22526

Printed: Aug 15, 2007

PRODUCT NUMBER
51936-002-- NOTE:③

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTORS NOTES:

② HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH TEMP THERMO PLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

③ PLATING:

5936-002 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.

51936-002LF 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 51936-002LF 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" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

⑤ PRODUCT SPECIFICATION GS-12-149.

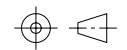
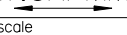
PCB - NOTES:

⑥ ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. HOLD DOWN THROUGH HOLES ARE UNPLATED.

8. $\varnothing .0453 \pm 0.0010$ [1.151 $\pm$ 0.025] DRILLED HOLES PLATED WITH
0.0003 [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.

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

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						
D					.XXX $\pm$.005/0.XX $\pm$ 0.13		projection						
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051		scale						
				angles	0° $\pm$ 2°		INCH/MM						
				dr	D. INGRAM	01/07/02	product family					PwrBlade	code
				enrg	M.MOSTOLLER	01/07/02	size					dwg no	213
				chr	M.MOSTOLLER	01/07/02	A					51936-002	sheet
				appd	M.MOSTOLLER	01/07/02	1:1		4				
sheet index		revision sheet											