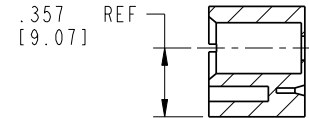
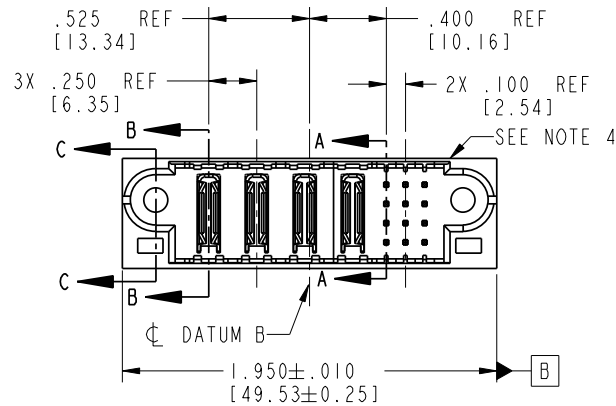


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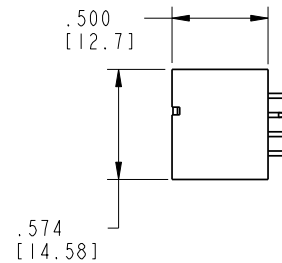
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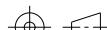
PRODUCT NO.	ROWS	POWER					SIGNAL		
		E1	P1	P2	P3	P4	1	2	3
51712-002-- NOTE: 3	D C B A		PA	PA	PA	PA	1	2	3



SECTION C-C



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
H	.220 [5.59]	SIGNAL

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				A FCI www.fciconnect.com				
lfr	ecn no.		dr	date		linear	$.XX \pm .01/0.X \pm 0.3$				COPY				projection  title VERTICAL HEADER w/GUIDE PIN POWER SIGNAL SPECIAL					
A	V20184		DAI	01/28/02			$.XXX \pm .005/0.XX \pm 0.13$				INCH/MM									
B	V21104		TAB	09/30/02			$.XXXX \pm .0020/0.XXX \pm 0.051$				scale									
C	DG05-0389		GuoJM	10/13/05		angles	$0^\circ \pm 2^\circ$				1:1				product family		PwrBlade		code	
						dr	D. INGRAM		01/28/02				size		dwg no		213			
						engr	M. MOSTOLLER		01/28/02				A		51712-002		sheet			
						chr	M. MOSTOLLER		01/28/02								1 of 4			
						appd	M. MOSTOLLER		01/28/02											
sheet index		revision		C	C	C	C	C	C											
		sheet		1	2	3	4													

Pro/E

PDM: Rev: C

STAT: US: Released

Printed: Aug 12, 2007

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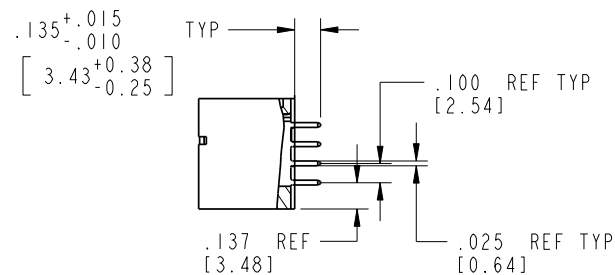
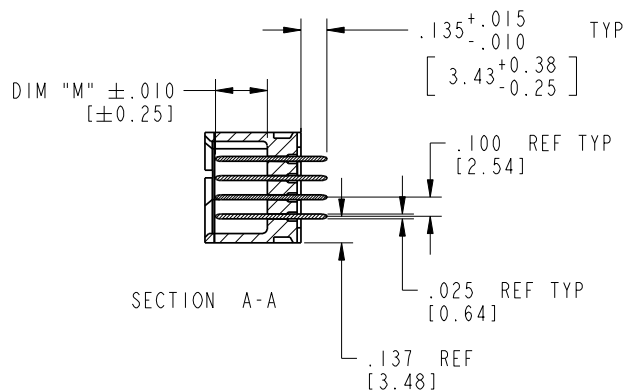
A

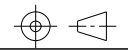
B

A

B

PRODUCT NUMBER
51712-002--
NOTE: 3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lir	ecn no.	dr	date	linear	XX±.01/0.X±0.3		COPY		projection 	title	
C					XXX±.005/0.XX±0.13					VERTICAL HEADER w/GUIDE PIN	
					XXX±.0020/0.XXX±0.051					POWER SIGNAL SPECIAL	
				angles	0°±2°						
				dr	D. INGRAM	01/28/02	INCH/MM		product family		code
				engr	M. MOSTOLLER	01/28/02	←→		size	PwrBlade	213
				chr	M. MOSTOLLER	01/28/02	scale		dwg no		sheet
				appd	M. MOSTOLLER	01/28/02	1:1		A	51712-002	2
sheet index		revision sheet									

Pro/E

PDM: Rev: C

STAT: **Released**

Printed: Aug 12, 2007

PRODUCT NUMBER
51712-002--
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:

51712-002 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.

51712-002LF 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 51712-002LF 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.

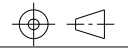
5. PRODUCT SPECIFICATION GS-12-149.

PCB - NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

7. $\varnothing .0453 \pm 0.0010$ [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.

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

mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com								
lfr	ecn no.	dr	date	linear	$.XX \pm .01 / 0.X \pm 0.3$				COPY															
C					$.XXX \pm .005 / 0.XX \pm 0.13$				projection															
					$.XXXX \pm .0020 / 0.XXX \pm 0.051$				INCH/MM															
				angles	$0^\circ \pm 2^\circ$				scale				1:1											
				dr	D. INGRAM 01/28/02								product family				code							
				enrg	M. MOSTOLLER 01/28/02								size				dwg no				213			
				chr	M. MOSTOLLER 01/28/02								A				51712-002				sheet			
				appd	M. MOSTOLLER 01/28/02												4							
sheet index		revision sheet																						