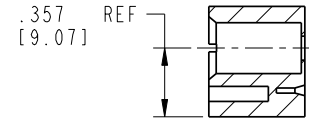


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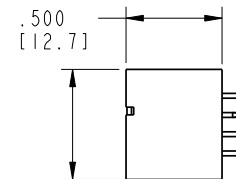
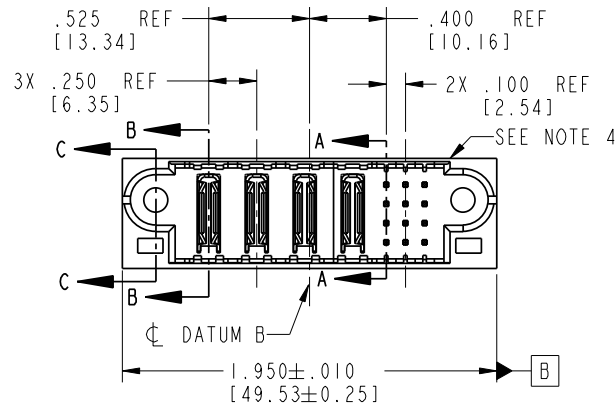
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FCI

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



.574
[14.58]

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	projection	.XX±.01/0.X±0.3		COPY		title	
A	V20184	DAI	01/28/02			.XXX±.005/0.XX±0.13		INCH/MM		VERTICAL HEADER w/GUIDE PIN	
B	V21104	TAB	09/30/02			.XXXX±.0020/0.XXX±0.051		scale		POWER SIGNAL SPECIAL	
C	D605-0389	GuoJM	10/13/05	angles		0°±2°		1:1		product family PwrBlade	
				dr	D. INGRAM	01/28/02		size		code	
				enrg	M. MOSTOLLER	01/28/02		dwg no		213	
				chr	M. MOSTOLLER	01/28/02		A		sheet	
				appd	M. MOSTOLLER	01/28/02		51712-002		1 of 4	
sheet index	revision sheet	C	C	C	C	C					
		1	2	3	4						

Pro/E

PDM: Rev: C

STAT: US: Released

Printed: Dec 20, 2010

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A

B

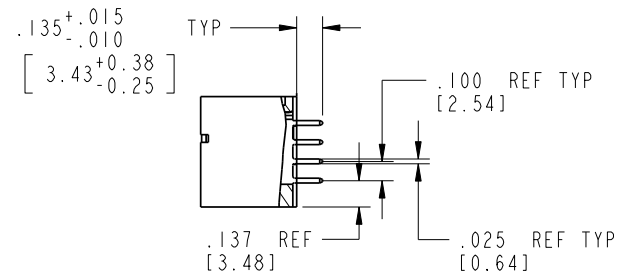
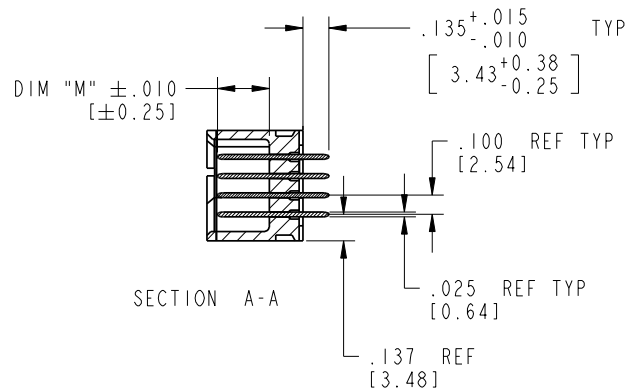
A

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	projection	COPY		title		VERTICAL HEADER w/GUIDE PIN POWER SIGNAL SPECIAL	
C						0° ± 2°		product family		PwrBlade	
						INCH/MM		size		dwg no	
				angles		1:1		A		51712-002	
				dr	D. INGRAM	01/28/02				code	
				engr	M. MOSTOLLER	01/28/02				213	
				chr	M. MOSTOLLER	01/28/02				sheet	
				appd	M. MOSTOLLER	01/28/02				2	
sheet index	revision		sheet								

1 | 2

Pro/E

PDM: Rev: C

STAT: Released

Printed: Dec 20, 2010

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A

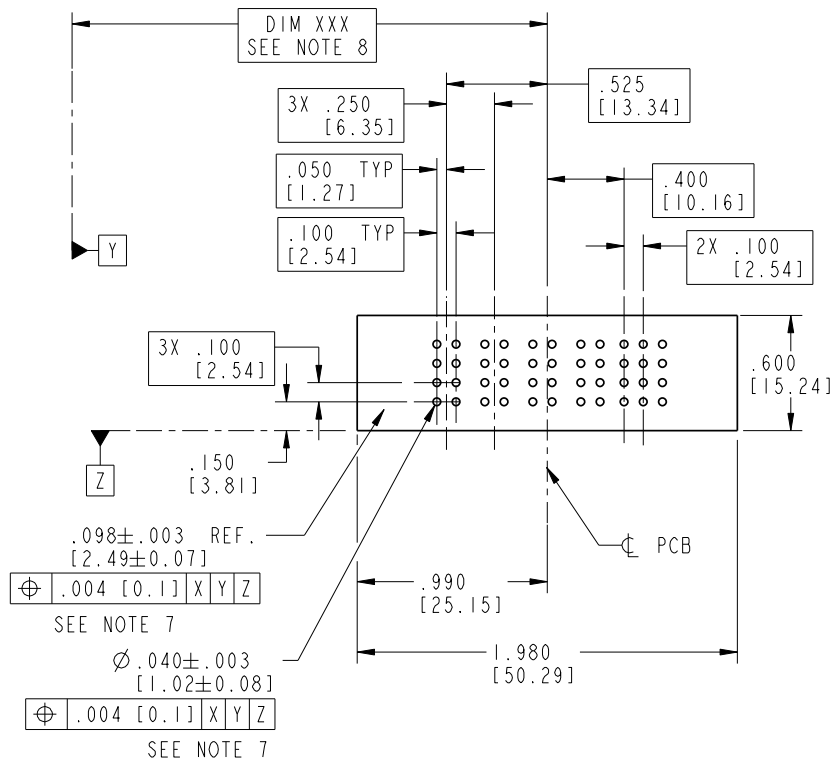
B

A

B

PRODUCT NUMBER

51712-002--
NOTE: 3



mat'l code				tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lir	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY	title	product family	PwrBlade	code
C					.XXX±.005/0.XX±0.13						
					.XXXX±.0020/0.XXX±0.051						
				angles	0°±2°	INCH/MM	scale	size	dwg no	A	51712-002
				dr	D. INGRAM 01/28/02						
				enrg	M. MOSTOLLER 01/28/02						
				chr	M. MOSTOLLER 01/28/02	1:1	scale	sheet	3		
				appd	M. MOSTOLLER 01/28/02						
sheet index	revision	sheet									

1 | 2

Pro/E

PDM: Rev: C

STAT: US: Released

Printed: Dec 20, 2010

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.

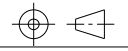
5. PRODUCT SPECIFICATION GS-12-149.

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								title VERTICAL HEADER w/GUIDE PIN POWER SIGNAL SPECIAL			
C					$.XXX \pm .005 / 0.XX \pm 0.13$				projection											
					$.XXXX \pm .0020 / 0.XXX \pm 0.051$				scale											
				angles	$0^\circ \pm 2^\circ$								product family				code			
				dr	D. INGRAM 01/28/02				INCH/MM				PwrBlade				213			
				enrg	M. MOSTOLLER 01/28/02				scale				size				sheet			
				chr	M. MOSTOLLER 01/28/02				1:1				A				4			
				appd	M. MOSTOLLER 01/28/02								51712-002							
sheet index		revision sheet																		

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