

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

Printed: Dec 20, 2010

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriete de c FCI. Droits de reproduction FCI.

A

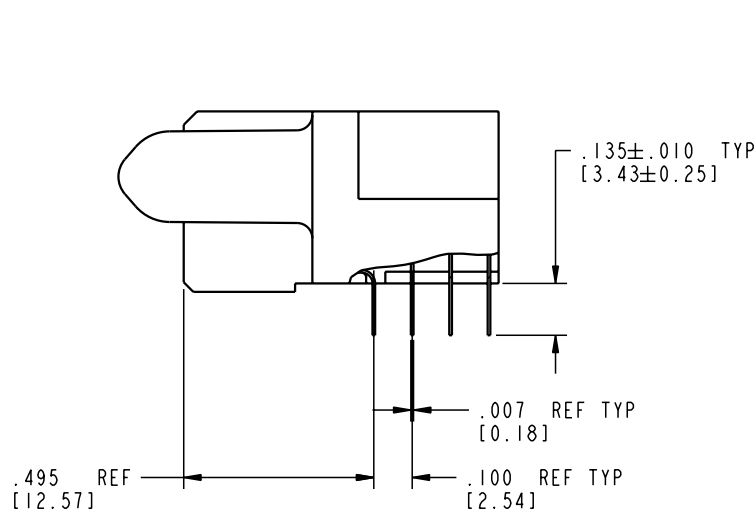
A

FCI

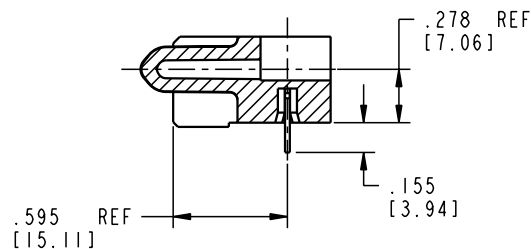
All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

B

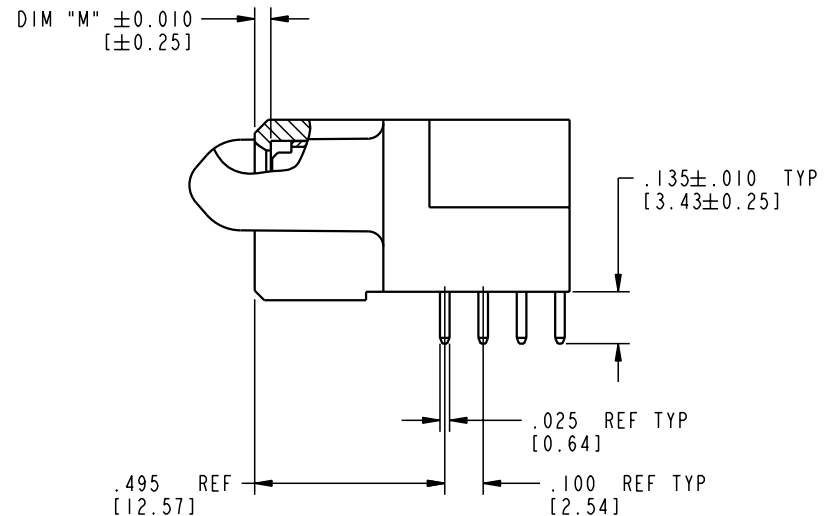
PRODUCT NUMBER
51915-042



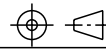
BROKEN-OUT SECTION A-A
SCALE 2:1



SECTION C-C



BROKEN-OUT SECTION B-B
SCALE 2:1

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		title 24S + 16P R/A SOLDER RECEPTACLE
A					.XXX±.005/0.XX±0.13		projection		
					.XXXX±.0020/0.XXX±0.051				
				angles	0°±2°		INCH/MM		product family PwrBlade code size dwg no 213 A 51915-042 sheet 2 of 4
				dr	T. BRUNGARD	01/19/04	scale 1:1		
				enrg	M. GRAY	01/19/04			
				chr	M. GRAY	01/19/04			
				appd	M. GRAY	01/19/04			
sheet index		revision sheet							

Pro/E

3

cage code 22526

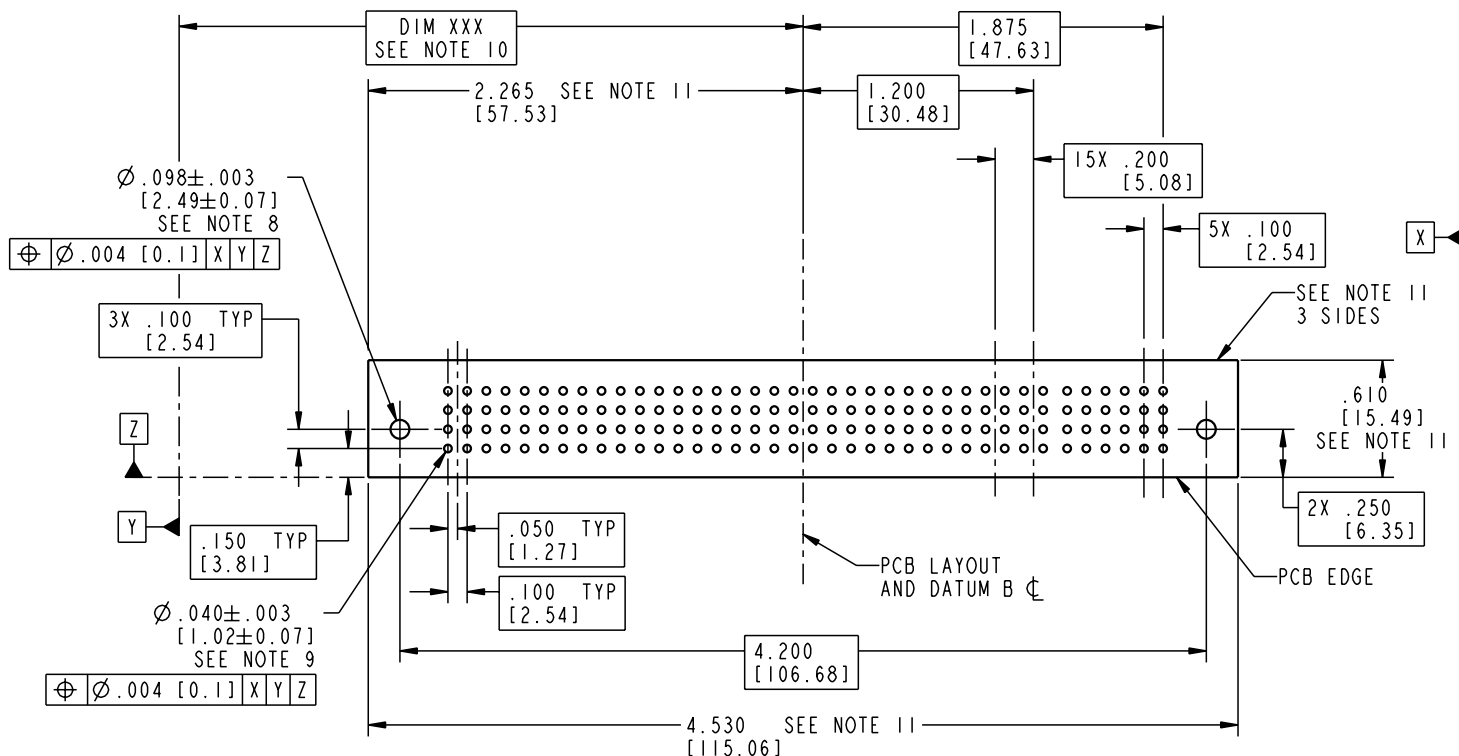
4

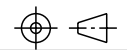
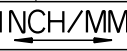
PDM: Rev:A

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51915-042



material code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY			
A				linear	.XXX±.005/0.XX±0.13	projection		title	24S + 16P
				angles	.XXXX±.0020/0.XXX±0.051			R/A SOLDER RECEPTACLE	
				dr	T. BRUNGARD 01/19/04	INCH/MM		product family	PwrBlade
				enrg	M. GRAY 01/19/04	scale	1:1	size	dwg no
				chr	M. GRAY 01/19/04			A	51915-042
				appd	M. GRAY 01/19/04				
sheet index	revision	sheet							

Pro/E

cage code
22526

PDM: Rev:A

STATUS: **Released**

Printed: Dec 20, 2010

PRODUCT NUMBER
51915-042

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:
SIGNAL PINS: 30u"/0.76um Au OVER 50u"/1.27um Ni
POWER CONTACTS: 50u"/1.27um Ni UNDER ALL
WITH 30u"/0.76um Au ON CONTACT AREA
AND SnPb ON PCB INTERFACE

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:

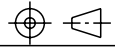
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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±.01/0.X±0.3		COPY		 INCH/MM		
A					.XXX±.005/0.XX±0.13		projection				
					.XXX±.0020/0.XXX±0.051		scale				
				angles	0°±2°						
				dr	T. BRUNGARD	01/19/04	1:1		title		
				enr	M. GRAY	01/19/04			24S + 16P		
				chr	M. GRAY	01/19/04			R/A SOLDER RECEPTACLE		
				appd	M. GRAY	01/19/04			product family		
sheet index		revision sheet								PwrBlade	
										code	
										213	
										sheet	
										4 of 4	