

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de FCI. Droits de reproduction FCI.

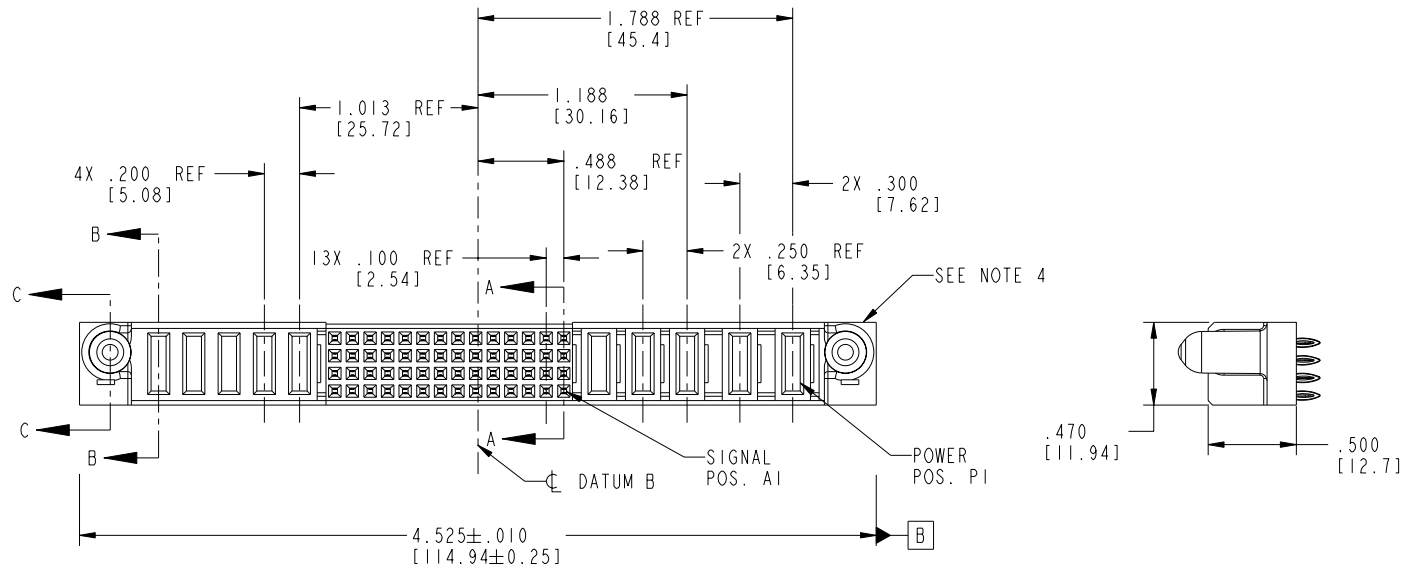
A
FCI

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.

A

B

PRODUCT NO.	ROWS	POWER						SIGNAL														POWER					E1				
		E2	P10	P9	P8	P7	P6	14	13	12	11	10	9	8	7	6	5	4	3	2	1	P5	P4	P3	P2	P1					
51940-033-- NOTE:3	D C B A		PF	PF	PF	PF	PF	F	F	F	F	F	F	F	F	F	F	F	F	F	F	PF	PF	PC	PF	PF					
								F	F	F	F	F	F	F	F	F	F	F	F	F	F							F	F	F	F
								F	F	F	F	F	F	F	F	F	F	F	F	F	F							F	F	F	F



A

B

CODE	DIM "M" MATING LENGTH	CONTACT TYPE
F	N/A [N/A]	SIGNAL
PC	.042 [1.07]	POWER
PF	.092 [2.34]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	linear	linear	linear	COPY	projection	product family	code
A	V03-0154	TAB	02/05/03	linear	.XX±.01/0.X±0.3	.XXX±.005/0.XX±0.13	.XXX±.002/0.XX±0.051			PwrBlade	213
B	DG05-0418	CS	11/16/05	angles		0°±2°					sheet
C	DG05-0507	CS	11/28/05	dr	T. BRUNGARD	02/05/03					of 4
				enrg	M. MOSTOLLER	02/05/03					
				chr	M. MOSTOLLER	02/05/03					
				appd	M. MOSTOLLER	02/05/03					
sheet index	revision	C	C	C	C	C	C				
sheet	sheet	1	2	3	4						

Pro/E

3

cage code 22526

4

PDM: Rev:C

STATUS:Released

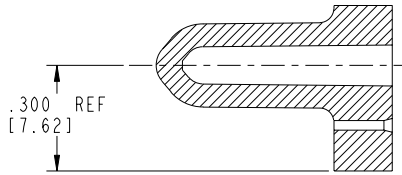
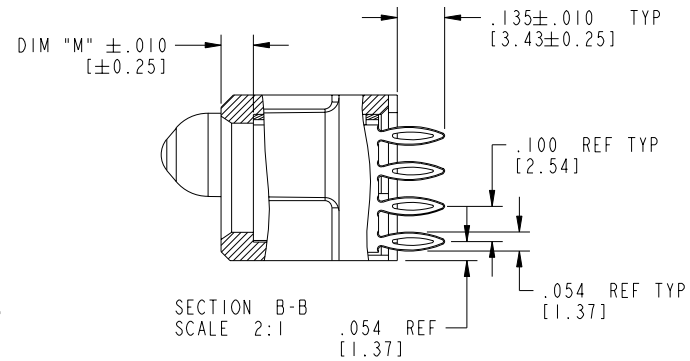
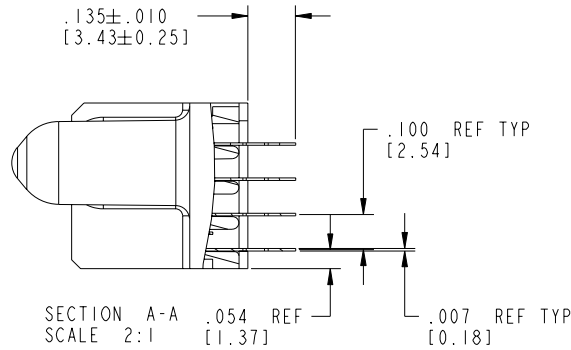
Printed: Aug 14, 2007

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

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.

PRODUCT NUMBER
51940-033_-
NOTE: 3



SECTION C-C
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 3ACP + 2P + 56S + 5P VERTICAL PRESS-FIT RECEPT							
C					.XXX±.005/0.XX±0.13				projection											
					.XXX±.0020/0.XX±0.051															
				angles	0°±2°				INCH/MM				product family PwrBlade				code 213			
				dr	T. BRUNGARD 02/05/03				scale 1:1				size				dwg no 51940-033			
				enrg	M. MOSTOLLER 02/05/03												sheet 2 of 4			
				chr	M. MOSTOLLER 02/05/03															
				appd	M. MOSTOLLER 02/05/03															
sheet index		revision sheet																		

cage code 22526

PDM: Rev:C

STATUS: Released

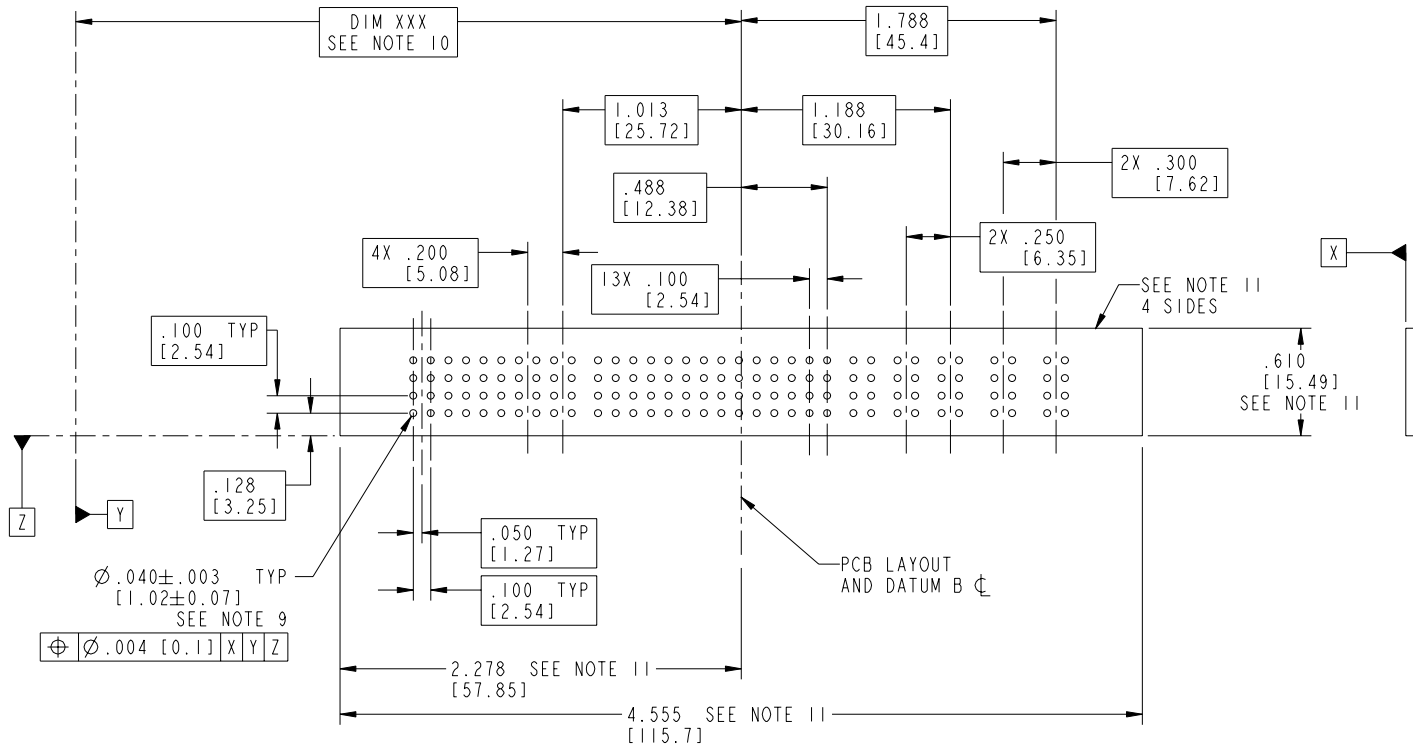
Printed: Aug 14, 2007

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

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.

PRODUCT NUMBER
51940-033_-
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 3ACP + 2P + 56S + 5P VERTICAL PRESS-FIT RECEPT			
C					.XXX±.005/0.XX±0.13 .XXX±.0020/0.XXX±0.051							
				angles	0°±2°							
				dr	T. BRUNGARD	02/05/03	INCH/MM		product family		PwrBlade	code
				enrg	M. MOSTOLLER	02/05/03			size	dwg no		
				chr	M. MOSTOLLER	02/05/03	scale		A	51940-033		sheet
				appd	M. MOSTOLLER	02/05/03	1:1					3 of 4
sheet index		revision sheet										
Pro/E				3				cage code 22526				4

Pro/E

PDM: Rev:C

STATUS: Released

Printed: Aug 14, 2007

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
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.

PRODUCT NUMBER

51940-033_-
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:

51940-033 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.

51940-033LF 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 51940-033LF MEETS EUROPEAN UNION DIRECTIVE AND OTHER ICOUNTRY 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'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				A FCI www.fciconnect.com			
ltr		ecn no.		dr		date		linear		.XX±.01/0.X±0.3		projection		COPY		title		3ACP + 2P + 56S + 5P	
C										.XXX±.005/0.XX±0.13						VERTICAL PRESS-FIT RECEIPT			
								angles		0°±2°						product family		PwrBlade	
								dr		T. BRUNGARD 02/05/03		INCH/MM		size		dwg no		code	
								enrg		M. MOSTOLLER 02/05/03		scale		A		51940-033		213	
								chr		M. MOSTOLLER 02/05/03		1:1						sheet	
								appd		M. MOSTOLLER 02/05/03								4 of 4	
sheet index		revision		sheet															

cage code 22526

4

PDM: Rev:C

STATUS:Released

Printed: Aug 14, 2007