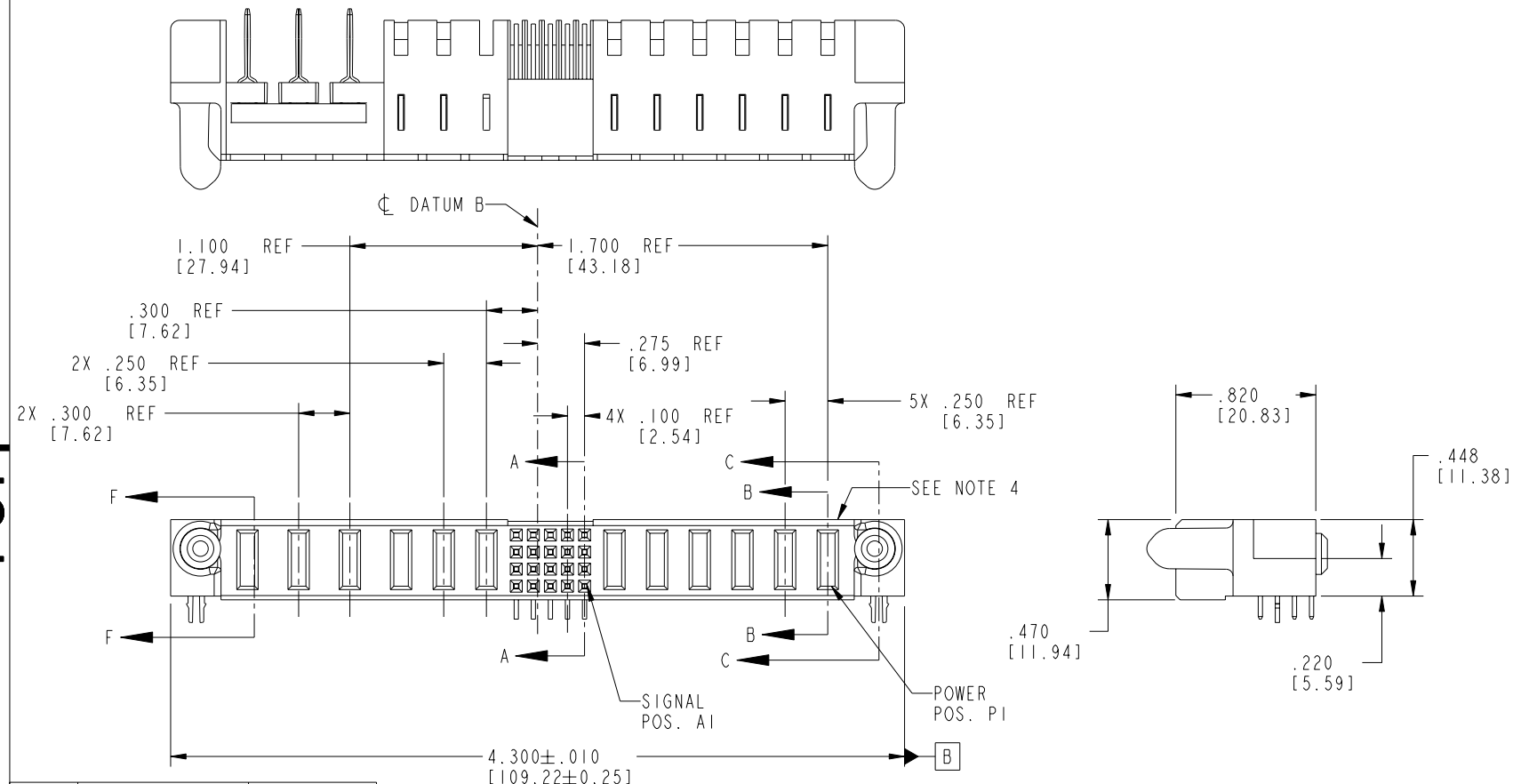
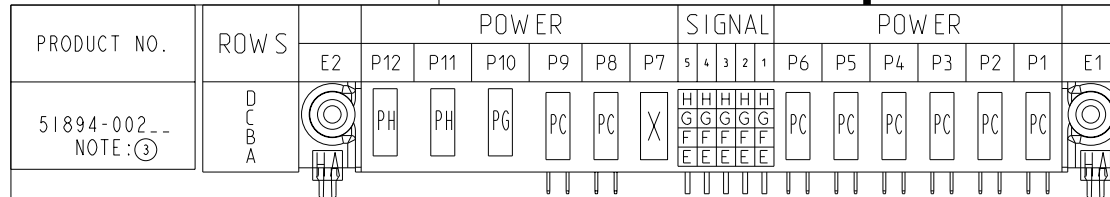


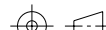
Tous droits strictement réservés. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.

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.

FCI



CODE	DIM "M"	MATING LENGTH	CONTACT TYPE
E	N/A	[N/A]	SIGNAL
F	N/A	[N/A]	SIGNAL
G	N/A	[N/A]	SIGNAL
H	N/A	[N/A]	SIGNAL
PC	.092	[2.34]	POWER
PG	.042	[1.07]	POWER
PH	.092	[2.34]	POWER
HA	N/A	[N/A]	HOLD-DOWN

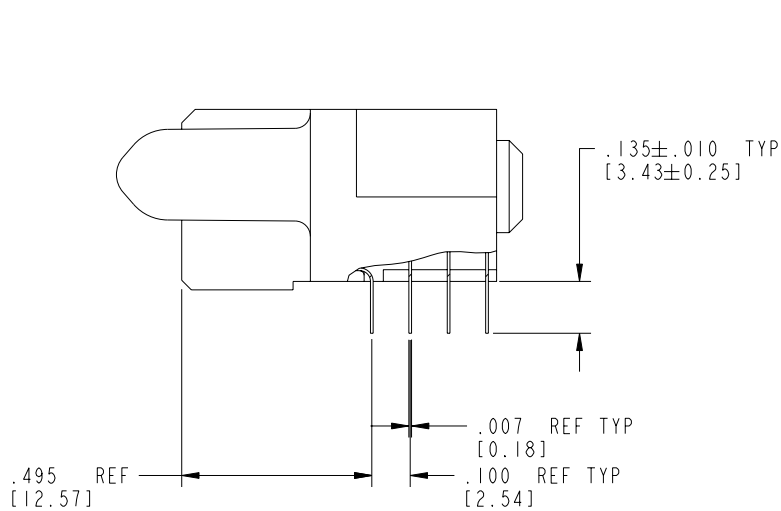
mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com		
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		projection 	title 6P+20S+3P+3ACP R/A SOLDER RECEPTACLE
A	V03-0278	DAI	03/11/03		.XXX±.005/0.XX±0.13					
B	DG05-0308	CS	09/01/05		.XXX±.0020/0.XXX±0.051					
				angles	0°±2°		INCH/MM			
				dr	D. INGRAM	03/11/03	product family PwrBlade		code	
				enrg	M. MOSTOLLER	03/11/03	size dwg no		213	
				chr	M. MOSTOLLER	03/11/03	scale		sheet	
				appd	M. MOSTOLLER	03/11/03	1:1		1 of 4	
sheet index	revision sheet	B 1	B 2	B 3	B 4					

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

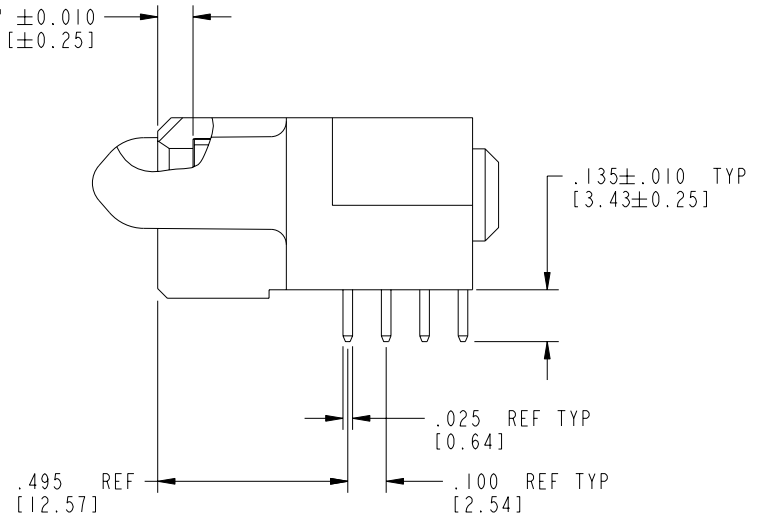
FCI

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.

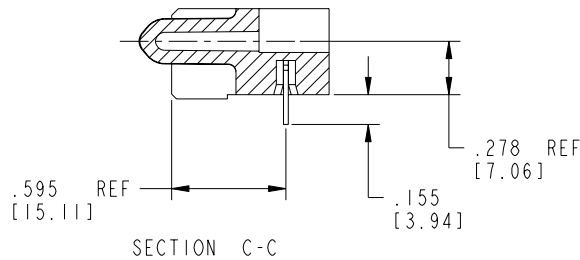
PRODUCT NUMBER
51894-002--
NOTE:③



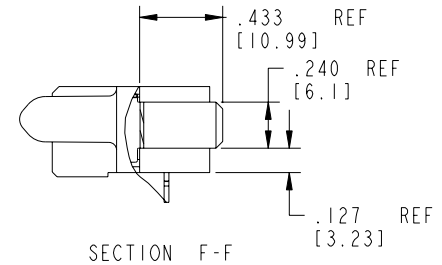
BROKEN-OUT SECTION A-A
SCALE 2:1



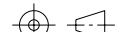
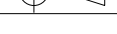
BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C



SECTION F-F

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 	
B					.XXX±.005/0.XX±0.13					
					.XXX±.0020/0.XXX±0.051					
				angles	$0^{\circ} \pm 2^{\circ}$					
				dr	D. INGRAM	03/11/03	product family PwrBlade			code
				enrg	M. MOSTOLLER	03/11/03	size dwg no			213
				chr	M. MOSTOLLER	03/11/03	scale		A 51894-002	sheet
				appd	M. MOSTOLLER	03/11/03	1:1			2 of 4
sheet index		revision sheet								

Pro/E

cage code 22526

PDM: Rev:B

STATUS: Released

Printed: Dec 20, 2010

Printed: Dec 20, 2010

PRODUCT NUMBER
51894-002--
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:

51894-002 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.

51894-002LF 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 51894-002LF 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'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:

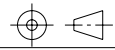
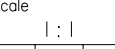
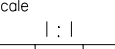
7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

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 $\pm$.01/0.X $\pm$ 0.3		COPY			title		
B					.XXX $\pm$.005/0.XX $\pm$ 0.13		projection			6P+20S+3P+3ACP		
					.XXX $\pm$.0020/0.XXX $\pm$ 0.051					R/A SOLDER RECEPTACLE		
				angles	0° $\pm$ 2°				product family		code	
				dr	D. INGRAM	03/11/03			PwrBlade			
				enrg	M. MOSTOLLER	03/11/03			size		dwg no	213
				chr	M. MOSTOLLER	03/11/03			scale		A	51894-002
				appd	M. MOSTOLLER	03/11/03	1:1				sheet	
sheet index		revision sheet									4 of 4	

Pro/E

cage code 22526

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[51894-002](#)