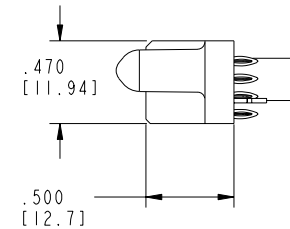
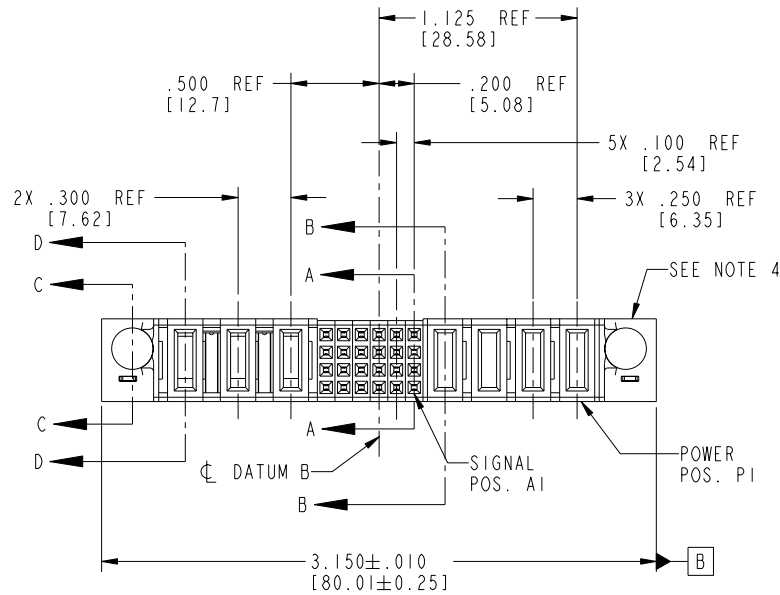
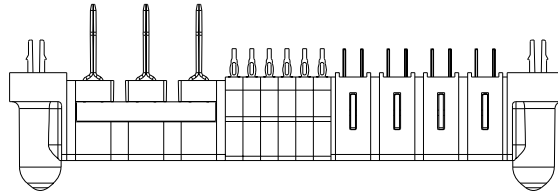


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PRODUCT NO.	ROWS	POWER				SIGNAL							POWER			
		E2	P7	P6	P5	6	5	4	3	2	1	P4	P3	P2	P1	E1
51897-005-- NOTE:3	D C B A		PH	PH	PG	F	F	F	F	F	F	PF	PF	PF	PF	
						F	F	F	F	F	F					
						F	F	F	F	F	F					
						F	F	F	F	F	F					



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

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
A	V03-0339	DA1	03/25/03			.XXX±.005/0.XX±0.13							4P + 24S + 3ACP
B	DG05-0341	CS	09/23/05	angles		.XXX±.0020/0.XXX±0.051							VERTICAL PRESS FIT RECEPT CABLE PORT
				dr	D. INGRAM	03/25/03		INCH/MM		product family		PwrBlade	code
				enrg	M. MOSTOLLER	03/25/03		scale		size		dwg no	213
				chr	M. MOSTOLLER	03/25/03		1:1		A		51897-005	sheet
				appd	M. MOSTOLLER	03/25/03							1 of 4
sheet index	revision sheet	B	B	B	B	B							
		1	2	3	4								

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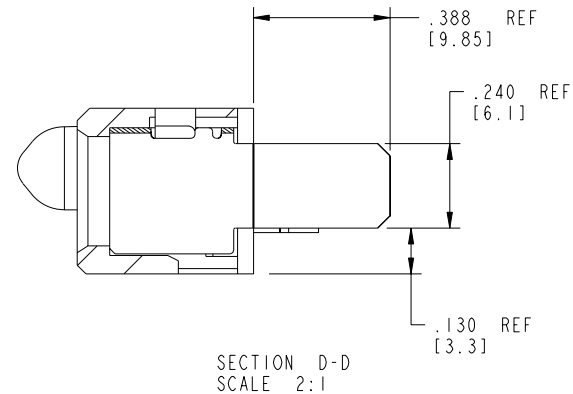
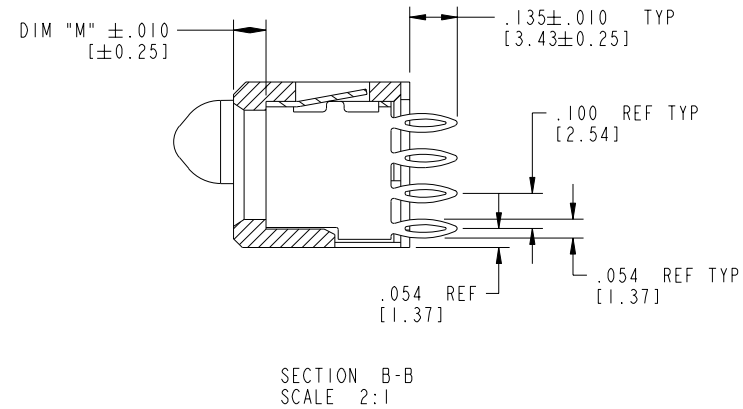
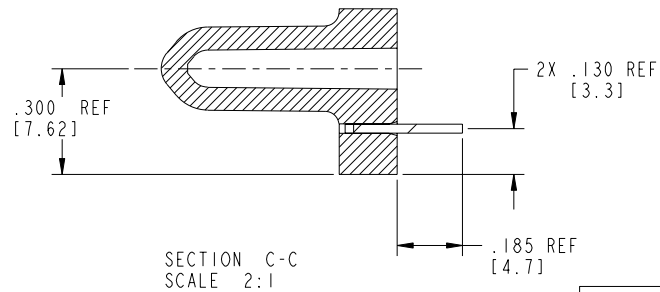
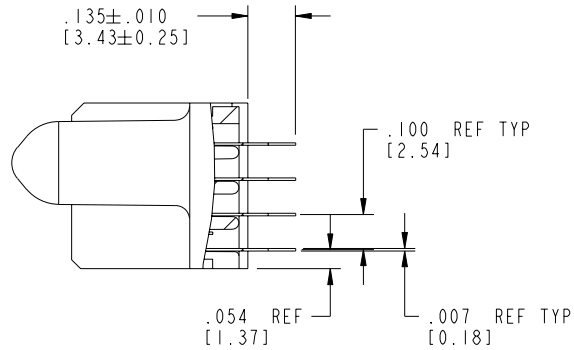
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PRODUCT NUMBER

51897-005_-
NOTE:3



mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		A FCI	
ltr	ecn no.	dr	date	linear	projection	linear	projection	projection	projection	title	www.fciconnect.com
B						.XX±.01/0.X±0.3		COPY		4P + 24S + 3ACP	
						.XXX±.005/0.XX±0.13				VERTICAL PRESS FIT RECEPT CABLE PORT	
				angles		.XXX±.0020/0.XXX±0.051				product family	PwrBlade
				dr		0°±2°		INCH/MM		size	dwg no
				engr		D. INGRAM 03/25/03		scale		A	51897-005
				chr		M. MOSTOLLER 03/25/03		1:1		sheet	2 of 4
				appd		M. MOSTOLLER 03/25/03				cage code	22526
sheet index	revision	sheet									

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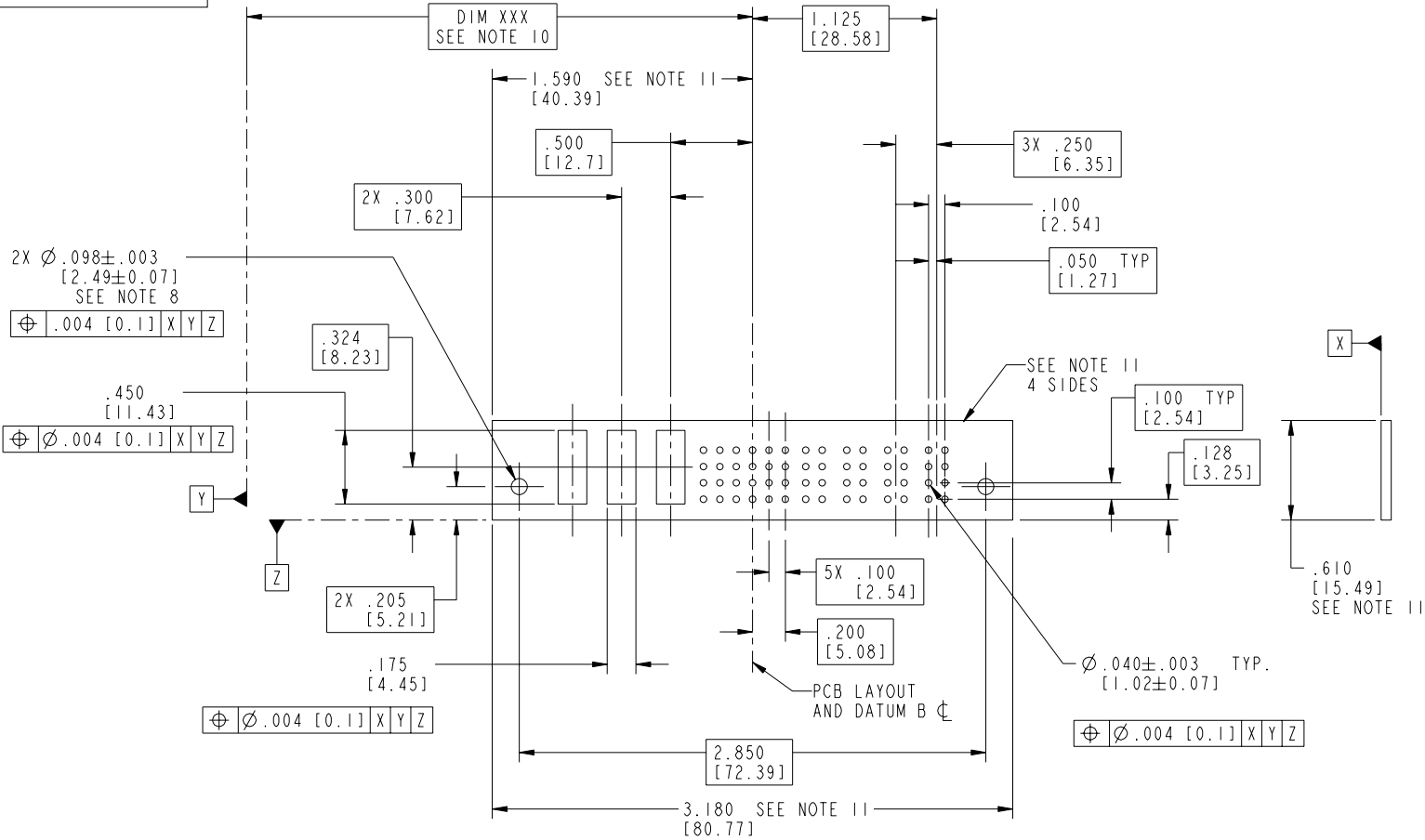
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A

B

PRODUCT NUMBER

51897-005_-
NOTE: 3



A

B

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.XX±0.3		COPY		title	
B				linear		XXX±.005/0.XX±0.13		projection		4P + 24S + 3ACP	
				angles		XXXX±.0020/0.XXX±0.051		INCH/MM		VERTICAL PRESS FIT RECEPT CABLE PORT	
				dr		D. INGRAM 03/25/03		scale		product family	
				enrg		M. MOSTOLLER 03/25/03		1:1		PwrBlade	
				chr		M. MOSTOLLER 03/25/03				code	
				appd		M. MOSTOLLER 03/25/03				213	
sheet index		revision sheet								sheet	
										3 of 4	
										cage code	
										22526	
										4	

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PRODUCT NUMBER
51897-005_-
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:

51897-005 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.

51897-005LF 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 51897-005LF 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		A FCI www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection		title	4P + 24S + 3ACP VERTICAL PRESS FIT RECEPT CABLE PORT			
B					.XXX±.005/0.XX±0.13								
					.XXX±.0020/0.XXX±0.051								
				angles	0°±2°								
				dr	D. INGRAM	03/25/03	INCH/MM 1:1		product family	PwrBlade	code		
				enrg	M. MOSTOLLER	03/25/03						213	
				chr	M. MOSTOLLER	03/25/03							sheet
				appd	M. MOSTOLLER	03/25/03							
sheet index	revision sheet												

cage code 22526

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