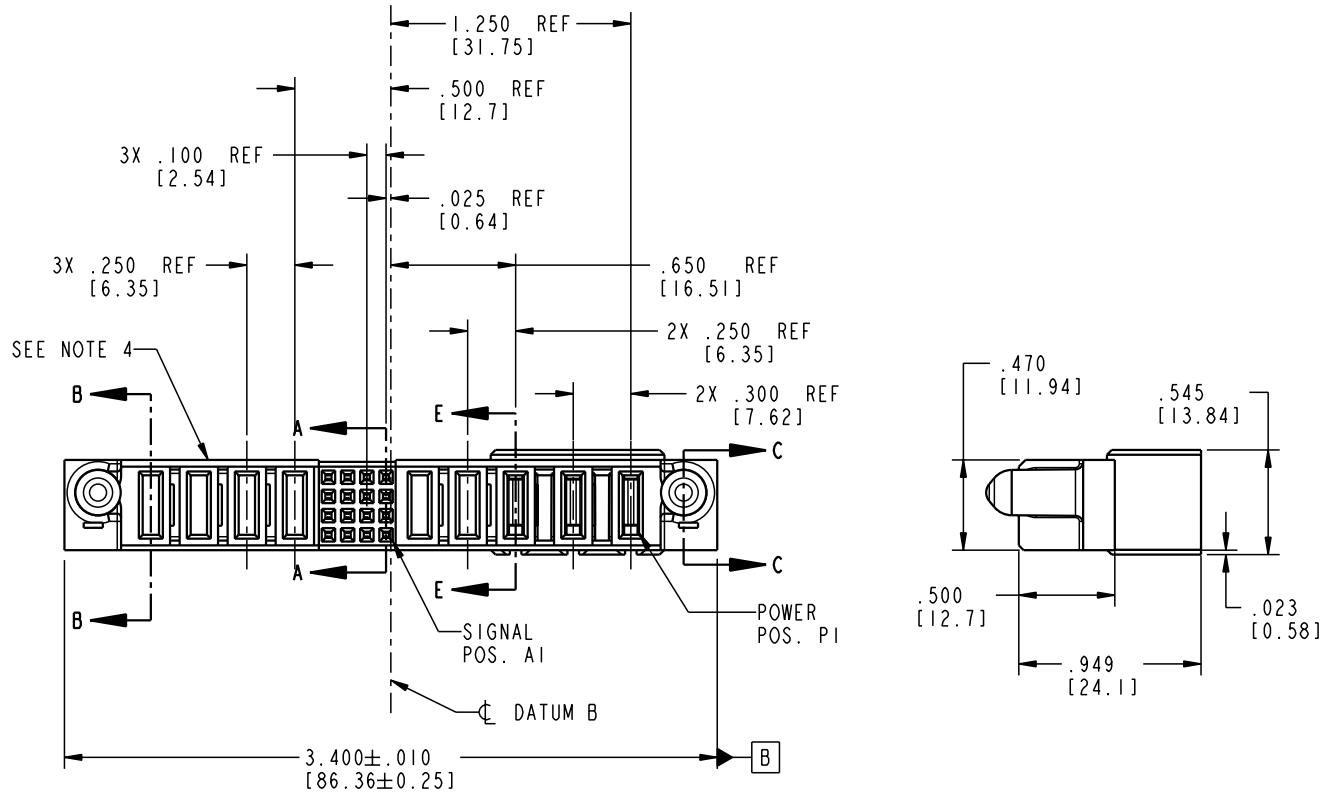


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PRODUCT NO.	ROWS	POWER				SIGNAL			POWER					E1		
		E2	P9	P8	P7	P6	4	3	2	1	P5	P4	P3		P2	P1
51897-002	D C B A		PC	PC	PC	PC	F	F	F	F	X	X	PH	PH	PG	



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

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		 title 3ACP + 2P + 16S + 4P VERT PRESS FIT RECEPT CABLE PORT		
A	V21382	CGD	08/26/02		.XXX±.005/0.XXX±0.13		projection				
B	V21459	TAB	09/17/02		.XXX±.0020/0.XXX±0.051		 product family PwrBlade code 213				
C	V21648	CGD	10/22/02	angles	0° ± 2°		scale 1:1		size 51897-002 sheet 1 of 5		
sheet index		revision sheet		C	C	C	C	C	cage code 22526		

Pro/E

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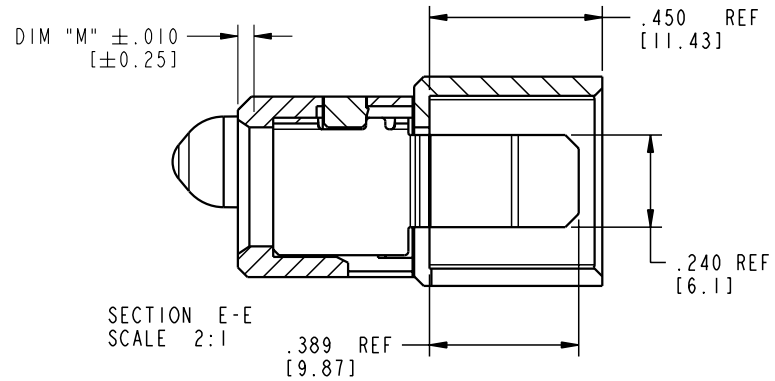
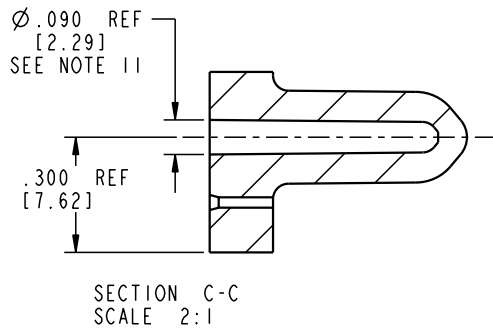
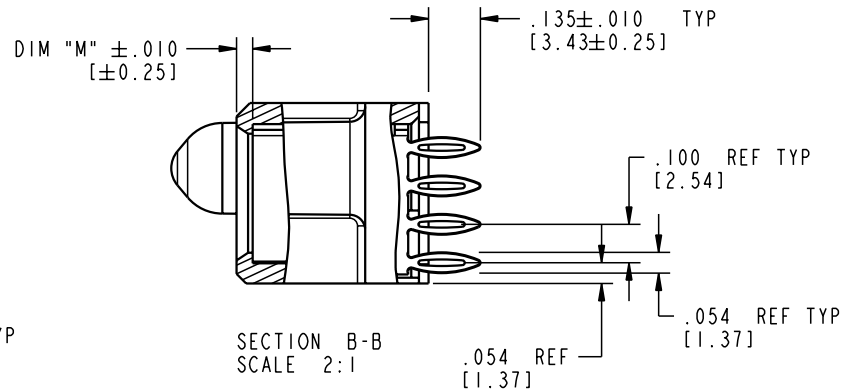
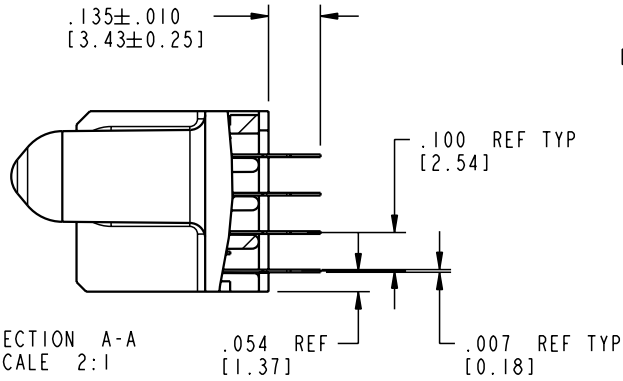
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mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		COPY		title 3ACP + 2P + 16S + 4P VERT PRESS FIT RECEPT CABLE PORT		
C					.XXX±.005/0.XX±0.13		projection				
					angles	.XXX±.0020/0.XXX±0.051		 INCH/MM		product family PwrBlade code 213	
						0° ± 2°		scale 1:1		size 51897-002 sheet 2 of 5	
sheet index		revision sheet		dr C. DAILY 08/26/02		enr M. MOSTOLLER 08/26/02		chr M. MOSTOLLER 08/26/02		appd M. MOSTOLLER 08/26/02	

Pro/E

cage code 22526

PDM: Rev:C

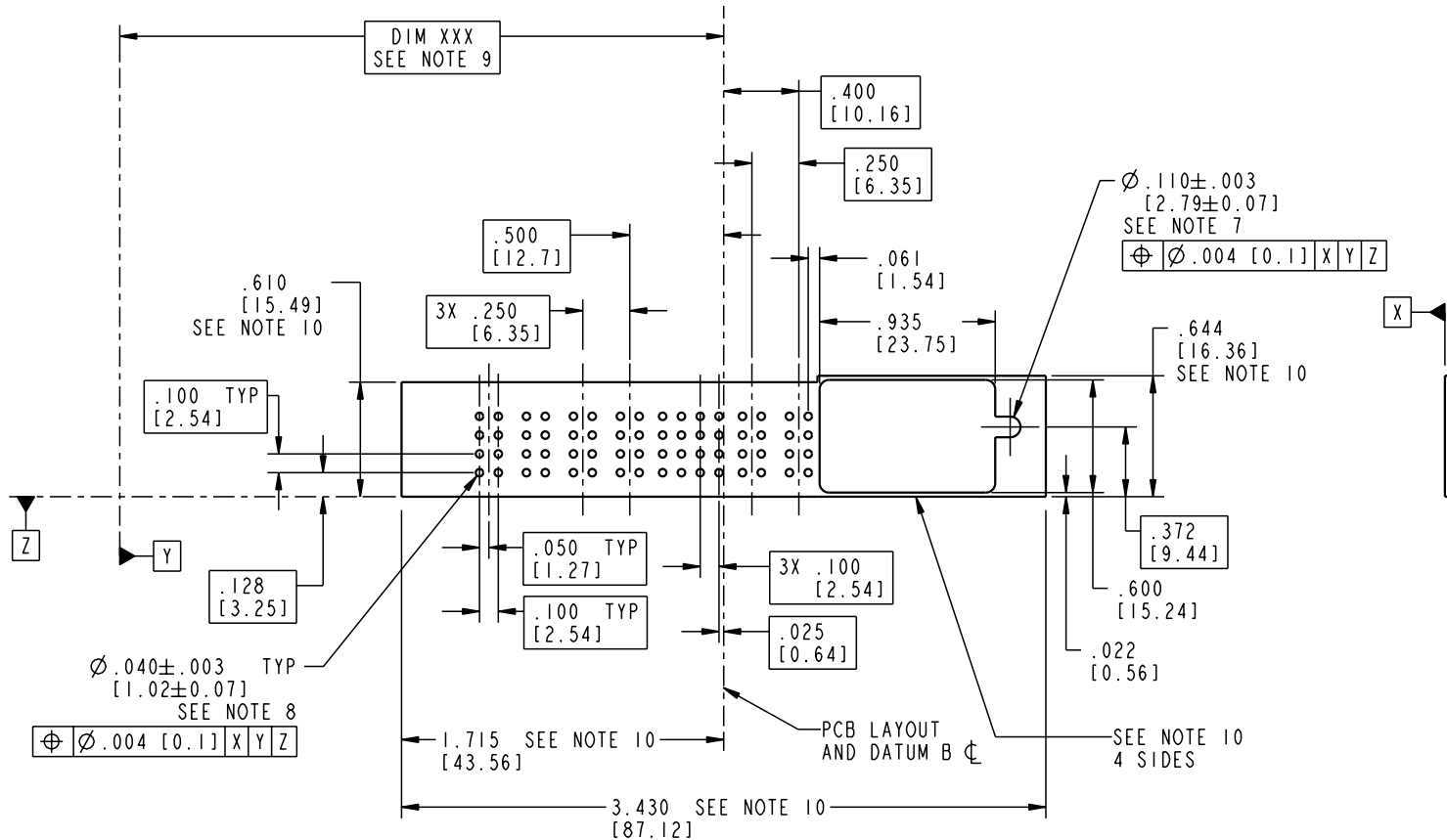
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mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	projection	COPY		title		
C				linear	.XXX±.005/0.XX±0.13				3ACP + 2P + 16S + 4P		
				angles	.XXX±.0020/0.XXX±0.051				VERT PRESS FIT RECEPT CABLE PORT		
				dr	C. DAILY 08/26/02	INCH/MM	product family		PwrBlade		code
				enr	M. MOSTOLLER 08/26/02	scale	size		dwg no		213
				chr	M. MOSTOLLER 08/26/02	1:1	A		51897-002		sheet
				appd	M. MOSTOLLER 08/26/02						3 of 5
sheet index	revision sheet										

cage code 22526

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PRODUCT NUMBER
51897-002

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.

PCB NOTES:

6. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
7. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

8 $\varnothing .0453 \pm .0010$ [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.

9 "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

10 CONNECTOR KEEP-OUT ZONE.

11 RECOMMENDED RETENTION TO PCB

$\varnothing .110$ [2.79] THRU HOLE FOR M2.5 SOCKET HEAD CAP SCREW
MAX. HEAD $\varnothing 4.5$ mm [1.77] RECOMMENDED SCREW LENGTH 12mm [1.472] + PCB THICKNESS.
RECOMMENDED SCREW SEATING TO PCB TORQUE: 2-5 lbf-in (2300-5760 gf-cm).

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		title 3ACP + 2P + 16S + 4P VERT PRESS FIT RECEPT CABLE PORT		
C					.XXX±.005/0.XX±0.13		projection				
					angles	.XXX±.0020/0.XXX±0.051		 INCH/MM			
				dr	C. DAILY	08/26/02	scale		product family PwrBlade		code
				engr	M. MOSTOLLER	08/26/02	1:1		size	dwg no	sheet
				chr	M. MOSTOLLER	08/26/02			A	51897-002	213
				appd	M. MOSTOLLER	08/26/02					4 of 5
sheet index		revision sheet									

1 | 2

Pro/E

3 |

cage code 22526

4

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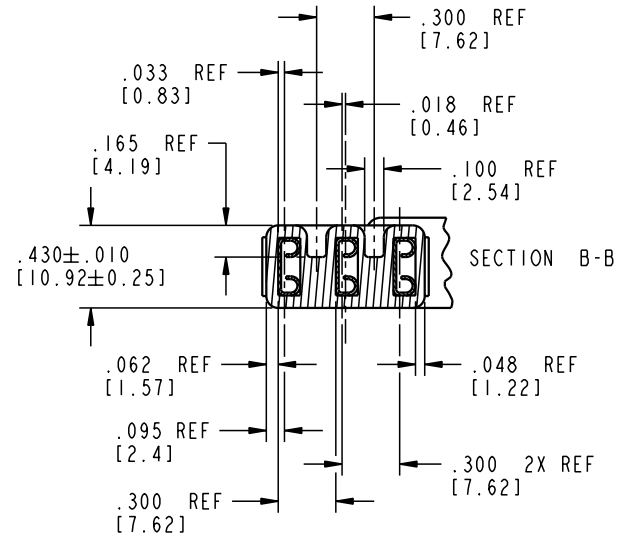
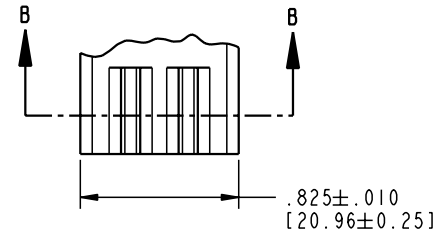
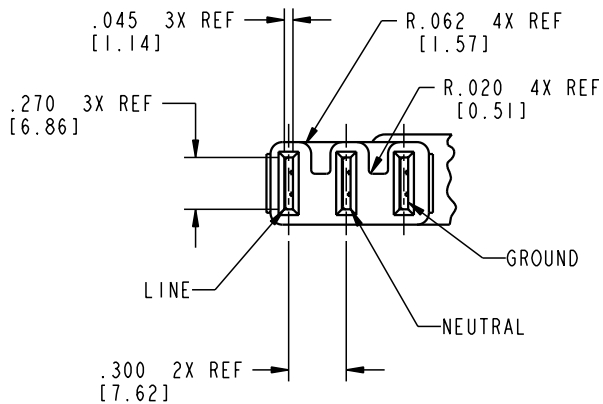
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PRODUCT NUMBER
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MATING CABLE PLUG (FOR REFERENCE ONLY)

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		title 3ACP + 2P + 16S + 4P VERT PRESS FIT RECEPT CABLE PORT		
C					.XXX±.005/0.XX±0.13		projection				
					.XXX±.0020/0.XXX±0.051						
				angles	0° ± 2°		INCH/MM		product family PwrBlade		code 213
				dr	C. DAILY	08/26/02	scale 1:1		size		sheet 5 of 5
				enr	M. MOSTOLLER	08/26/02	A		dwg no 51897-002		
				chr	M. MOSTOLLER	08/26/02					
				appd	M. MOSTOLLER	08/26/02					
sheet index	revision sheet										

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cage code 22526

PDM: Rev:C

STATUS: Released

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