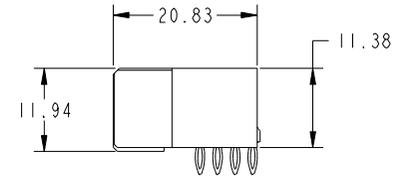
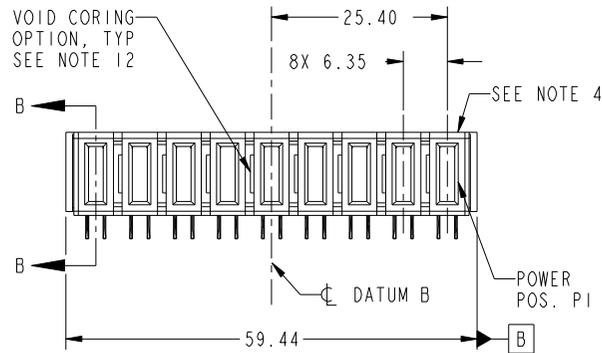


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PRODUCT NO. 51777-003LUB.. NOTE 3	POWER								
	P9	P8	P7	P6	P5	P4	P3	P2	P1
	PG	PG	PG	PG	PG	PG	PG	PG	PG



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PG	[1.07]	POWER

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date	linear	0.X ± 0.5	projection		COPY		www.fciconnect.com	
A	DG09-0066	JW	02/26/09		0.XX ± 0.25	MIM		title		9P	
B	DG09-0077	JW	03/12/09	angles	0.XXX ± 0.1	1:1		R/A PRESS-FIT RECEPTACLE		product family PwrBlade code 213	
				dr	0° ± 2°			size		dwg no 51777-003 sheet 1 of 4	
				enr	JULIA WANG 02/26/09			scale		A	
				chr	JEROME CHEN 02/26/09						
				appd	GARY HSIEH 02/26/09						
					JOSEPH HSIA 02/26/09						
sheet index	revision sheet	B 1	B 2	B 3	B 4						

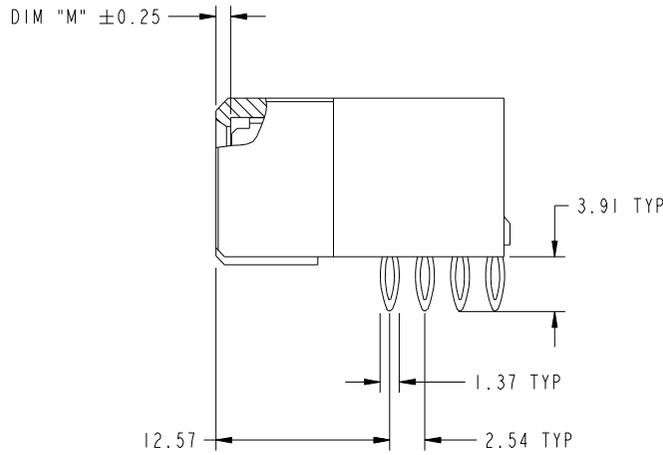
cage code 22526

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PRODUCT NUMBER
51777-003LUB--
NOTE 3



BROKEN-OUT SECTION B-B
SCALE 2:1

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.5	COPY		title	
B					0.XX ±0.25	projection		9P	
				angles	0.XXX ±0.1			R/A PRESS-FIT RECEPTACLE	
				dr	0° ±2°			product family PwrBlade code	
				enr	JULIA WANG 02/26/09	scale		size	
				chr	JEROME CHEN 02/26/09	1:1		dwg no	
				appd	GARY HSIEH 02/26/09	A		51777-003	
					JOSEPH HSIA 02/26/09			sheet	
sheet index	revision sheet							2 of 4	

cage code 22526

Pro/E

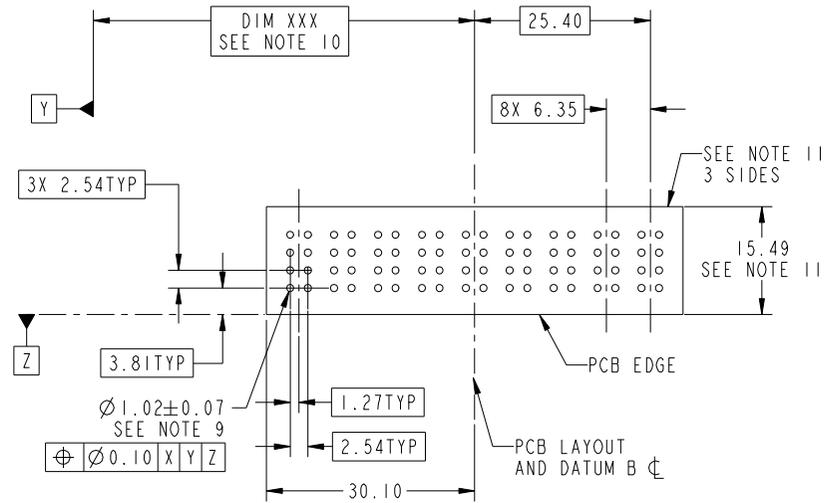
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PRODUCT NUMBER
51777-003LUB--
NOTE 3

1 | 2 | 3 | 4



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	0.X ±0.5	COPY		www.fciconnect.com		title	
B					0.XX ±0.25	projection		9P		R/A PRESS-FIT RECEPTACLE	
				angles	0.XXX ±0.1	MIM		product family		PwrBlade	code
				dr	0° ±2°	scale		size	dwg no	213	sheet
				enr	JULIA WANG 02/26/09	1:1		A	51777-003	3 of 4	
				chr	JEROME CHEN 02/26/09						
				appd	GARY HSIEH 02/26/09						
					JOSEPH HSIA 02/26/09						
sheet index	revision sheet										

cage code 22526

Pro/E

1 | 2

3 | 4

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PRODUCT NUMBER
51777-003LUB_-
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:
SEE NOTE 7 & 8 IN PRINT 10064183 FOR PLATING SPEC. OF 51777-003LUB, 51777-003LUBLF RESPECTIVELY.

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. $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm .07$ HOLE.

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

11. CONNECTOR KEEP-OUT ZONE.

12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

13. USE FCI CAM TOOL 430140-XXX TO APPLY CONNECTOR TO PCB.

14. APPLY ZIPCHEM LUBE TO THE CONTACT AREA OF POWER CONTACTS; AND THE SUFFIX CODE "LUB" STANDS FOR LUBE

15. A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecr no.	dr	date	linear	0.X ± 0.5	COPY		www.fciconnect.com		title	
B					0.XX ± 0.25	projection		R/A PRESS-FIT RECEPTACLE		9P	
				angles	0.XXX ± 0.1			product family		PwrBlade	
				dr	0° ± 2°	MIM		size		213	
				enr	JULIA WANG 02/26/09	scale		dwg no		4 of 4	
				chr	JEROME CHEN 02/26/09	1:1		51777-003		sheet	
				appd	GARY HSIEH 02/26/09			A		4 of 4	
					JOSEPH HSIA 02/26/09						
sheet index	revision sheet										

cage code 22526

Pro/E