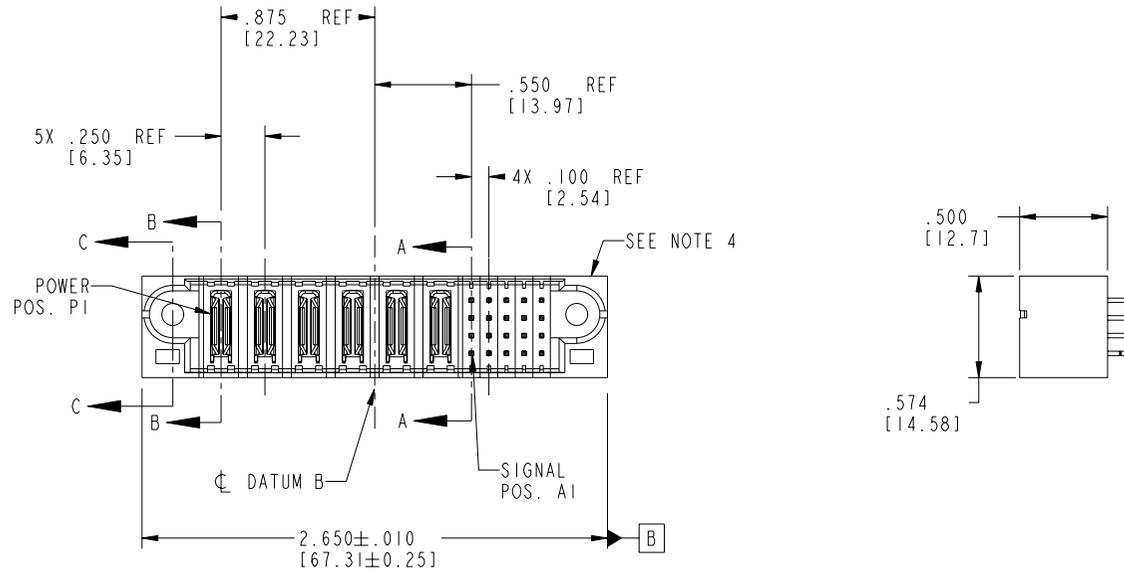


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PRODUCT NO.	ROWS	POWER						SIGNAL						
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	E2
51712-009-- NOTE ③	D C B A													



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	N/A [N/A]	POWER
H	.220 [5.59]	SIGNAL
E	.270 [6.86]	SIGNAL
HA	N/A [N/A]	HOLD-DOWN

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	angles	COPY		projection	title
A	DG05-0544	CS	12/13/05	.XX±.01/0.X±0.3	0°±?	INCH/MM			6P + 20S VERTICAL STB HEADER
				dr	CS	12/13/05	product family		PwrBlade
				enr	STEVEN WANG	12/13/05	size		213
				chr	VICTOR LIN	12/13/05	scale		1:1
				appd	JOSEPH HSIA	12/13/05	dwg no		51712-009
sheet index		revision sheet	A 1	A 2	A 3	A 4	code		1 of 4

cage code 22526 4

Pro/E

PDM: Rev:A

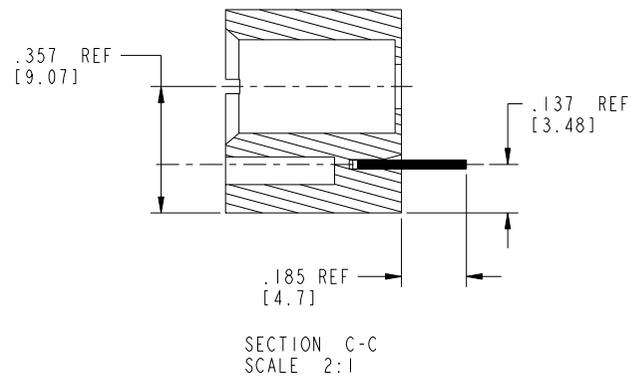
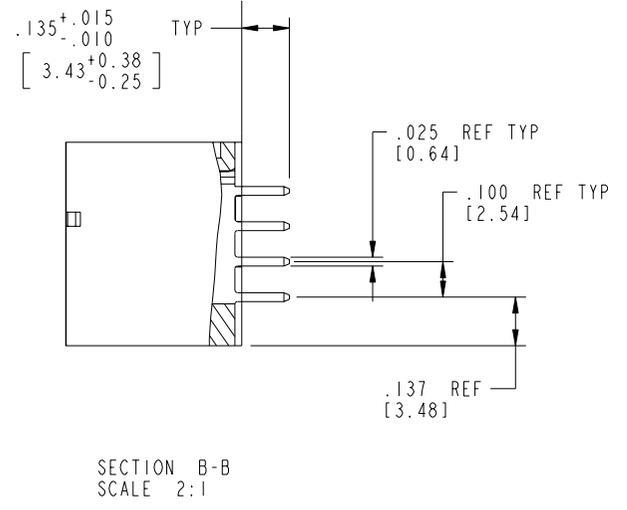
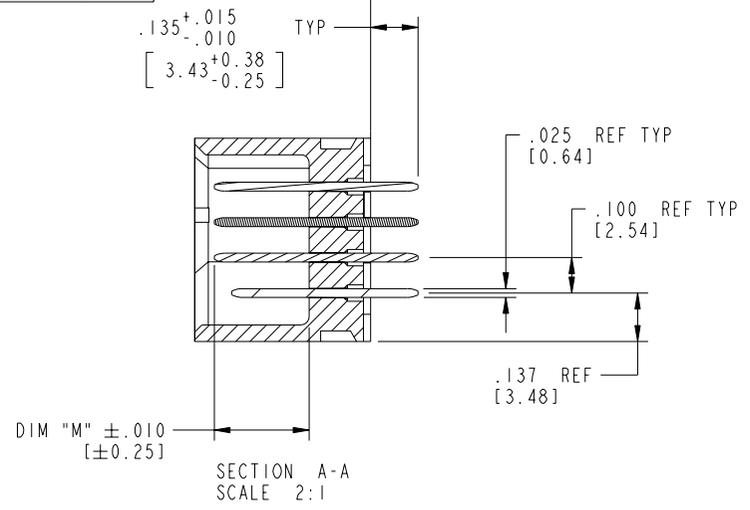
STATUS: Released

Printed: Sep 20, 2006

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PRODUCT NUMBER
51712-009--
NOTE ③



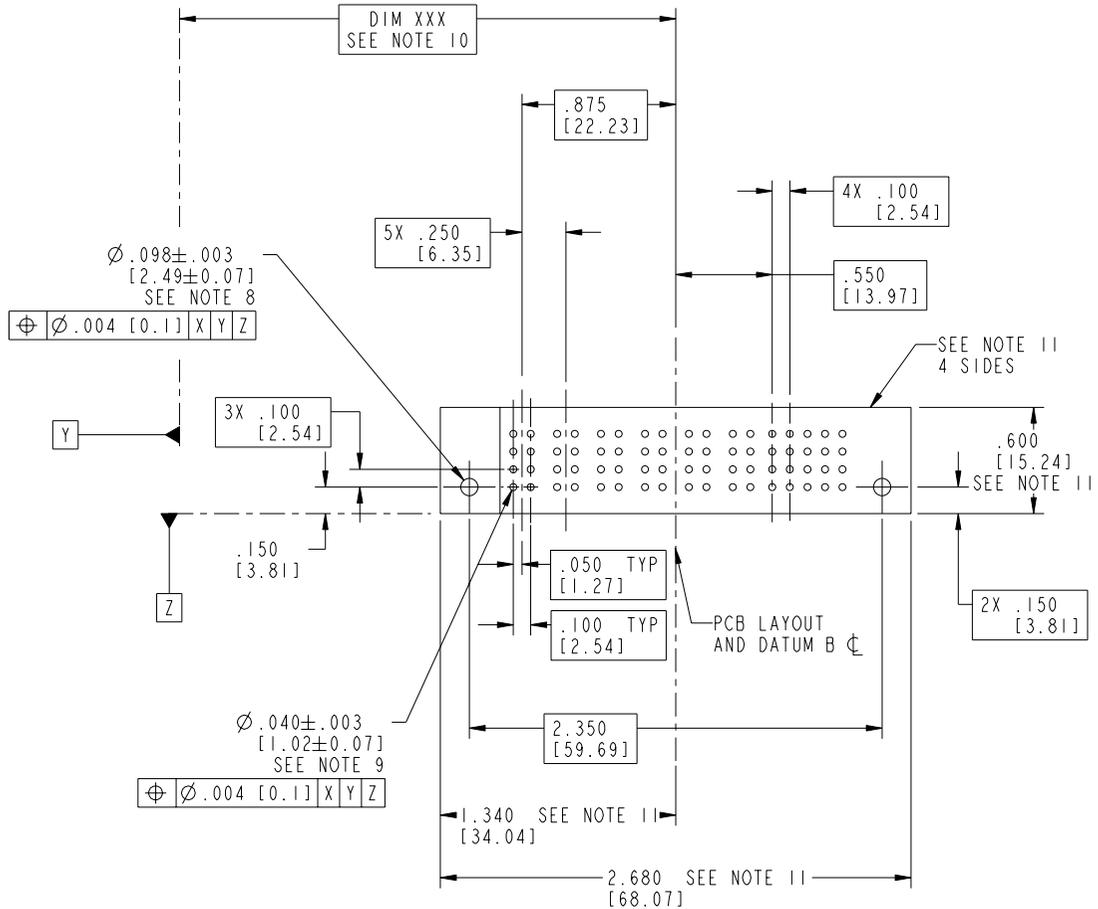
mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3	COPY		projection	
A				angles	.XXX±.005/0.XX±0.13			title	
				dr	.XXX±.0020/0.XX±0.051	INCH/MM		product family	
				enr	0°±2°	scale		PwrBlade	
				chr	CS 12/13/05	1:1		code	
				appd	STEVEN WANG 12/13/05			213	
					VICTOR LIN 12/13/05			sheet	
					JOSEPH HSIA 12/13/05			2 of 4	
sheet index	revision sheet								

cage code 22526 4

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PRODUCT NUMBER
51712-009--
NOTE ③



mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.XX±0.3	COPY		title	
A					.XXX±.005/0.XX±0.13	projection		6P + 20S	
				angles	.XXX±.002/0.XX±0.051			VERTICAL STB HEADER	
				dr	CS	12/13/05	 1:1	product family	
				enr	STEVEN WANG	12/13/05		PwrBlade	
				chr	VICTOR LIN	12/13/05		code	
				appd	JOSEPH HSIA	12/13/05		213	
sheet index	revision sheet							size	
								A	
								dwg no	
								51712-009	
								sheet	
								3 of 4	

cage code 22526

Pro/E

PDM: Rev:A

STATUS: Released

Printed: Sep 20, 2006

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PRODUCT NUMBER
51712-009--
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:

51712-009 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.

51712-009LF 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 51712-009LF 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+ .01/0.X+0.3	COPY		projection		title	
A					.XXX+ .005/0.XX+0.13					6P + 20S VERTICAL STB HEADER	
				angles	.XXX+ .0020/0.XXX+0.051	INCH/MM		product family		code	
				dr	0° ± 2°	scale		PwrBlade		213	
				enrg	CS 12/13/05	1:1		size		sheet	
				chr	STEVEN WANG 12/13/05			A		4 of 4	
				appd	VICTOR LIN 12/13/05			51712-009			
					JOSEPH HSIA 12/13/05						
sheet index	revision sheet										

cage code 22526 4