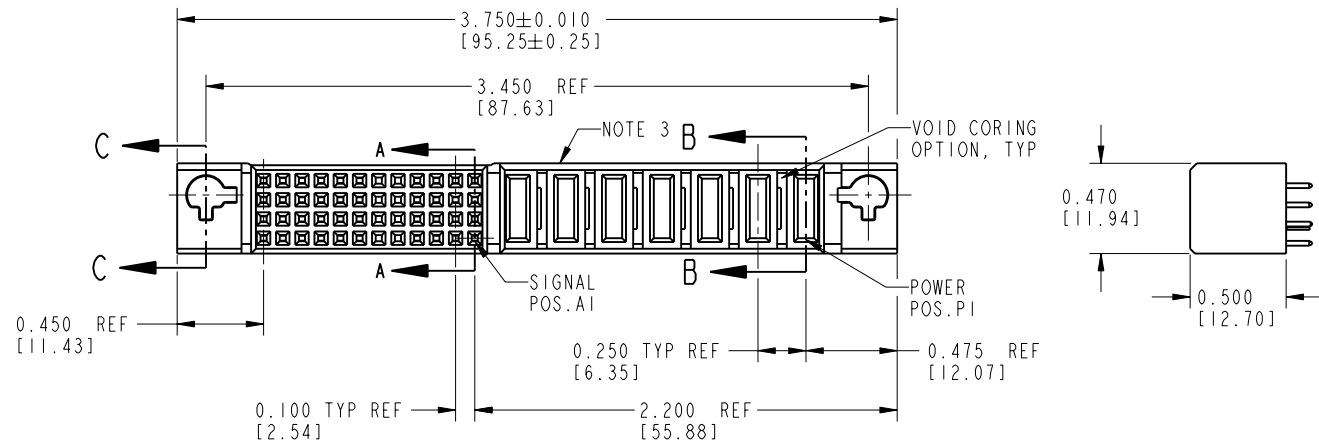


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PRODUCT No.	ROWS		SIGNAL												POWER								
		E1	12	11	10	9	8	7	6	5	4	3	2	1	P7	P6	P5	P4	P3	P2	P1	E2	
51602-XX001 NOTE: 2	D C B A		E	E	E	E	E	E	E	X	X	E	E	E	E			X					



CODE	CONTACT TYPE
E	SIGNAL
PA	POWER
HA	HOLD-DOWN
X	OMITTED

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI www.fciconnect.com	
lfr	ecn no.	dr	date	linear	.XX±.01/.X±.3		projection 	COPY	title 7P + 48S VERTICAL SOLDER RECEPTACLE	product family PWRBLADE	code 213
A	V81897	DLW	10/30/98		.XXX±.005/.XX±.13						
B	V90098	DLW	01/22/99		.XXX±.0020/.XXX±.051						
C	V01363	LSS	06-05-00	angles	0° ± 2°		INCH/MM 	scale 1:1	A	51602	sheet 1 of 3
D	V10810	EKK	01-31-01	dr	D. WOLFORD	10/30/98					
E	V11164	LSS	04/09/01	enrg	J. BROWN	10/30/98					
F	DG05-0363	GuoJM	09/29/05	chr	J. BROWN	10/30/98	J. BROWN	10/30/98			
				appd	J. BROWN	10/30/98					
sheet index		revision		F	F	F					
		sheet		1	2	3					

cage code 22526

Pro/E

3

4

PDM: Rev:F

STATUS: Released

Printed: Dec 20, 2010

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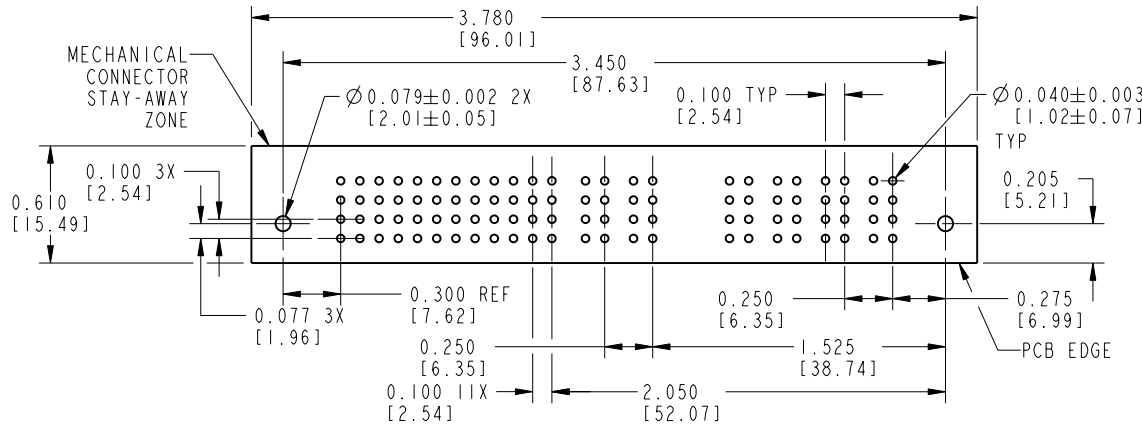
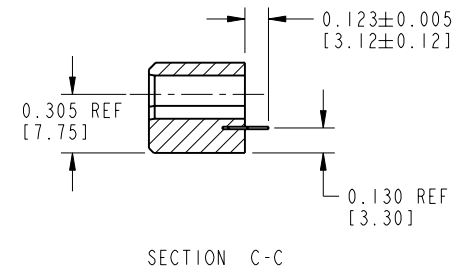
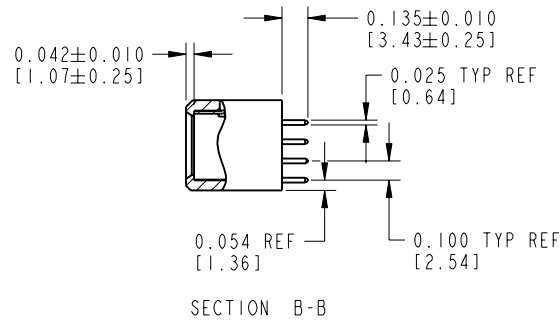
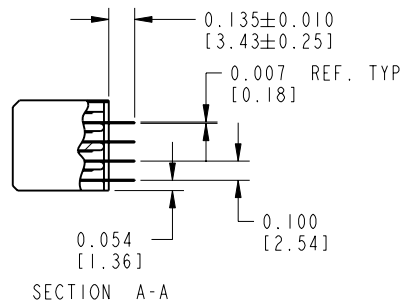
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PRODUCT NUMBER

51602-XX001--

NOTE: 2



RECOMMENDED PCB LAYOUT

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		A FCI		www.fciconnect.com	
lfr	ecn no.	dr	date			.XX±.01/.X±.3		COPY		title	7P + 48S		
F						.XXX±.005/.XX±.13		projection		VERTICAL SOLDER RECEPTACLE			
						.XXX±.0020/.XXX±.051				product family	PWRBLADE	code	213
						0° ± 2°		INCH/MM		size	dwg no	sheet	2
								scale	1:1	A	51602		
sheet index	revision	sheet											

Pro/E

cage code 22526

PDM: Rev:F

STATUS: Released

Printed: Dec 20, 2010

PRODUCT NUMBER
51602-XX001__
NOTE: 2

CONNECTOR NOTES:

- HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL CONTACT MATERIAL: COPPER ALLOY

2. PLATING:

51602-XX001 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.

51602-XX001LF 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 51602-XX001LF MEETS EUROPEAN UNION DIRECTIVE AND JOTHER 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.

- "MANUFACTURER" NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE

- PRODUCT SPECIFICATION GS-12-149

PCB NOTES:

- ALL DIMENSIONS ARE BASIC UNLESS OTHERWISE SPECIFIED.
- ALL THROUGH HOLES ARE LOCATED WITH A TRUE POSITION OF 0.004 [0.10]
- ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE
- Ø0.079[2.01] THROUGH HOLES ARE UNPLATED.
- Ø0.0453±0.0010 [1.151±0.025] DRILLED HOLES PLATED WITH 0.0003 [0.008] MIN SnPb OVER 0.001 [0.03] TO 0.003 [0.08] Cu PLATING TO ACHIEVE A Ø0.040±0.003 [1.02±0.07] HOLE.

CONFIDENTIAL

mat'l code				NOTE 1		tolerances unless otherwise specified		CUSTOMER		FCI			
lfr	ecn no.	dr	date					COPY		www.fciconnect.com			
F				linear		.XX±.01/.X±.3		projection		title 7P + 48S			
						.XXX±.005/.XX±.13				VERTICAL SOLDER RECEPTACLE			
				angles		.XXX±.0020/.XXX±.051				product family PWRBLADE			
						0° ± 2°				code 213			
				dr	D. WOLFORD	10/30/98		INCH/MM		size 51602			
				engr	J. BROWN	10/30/98		scale		sheet 3			
				chr	J. BROWN	10/30/98							
				appd	J. BROWN	10/30/98							
sheet index		revision sheet											

Pro/E

cage code 22526