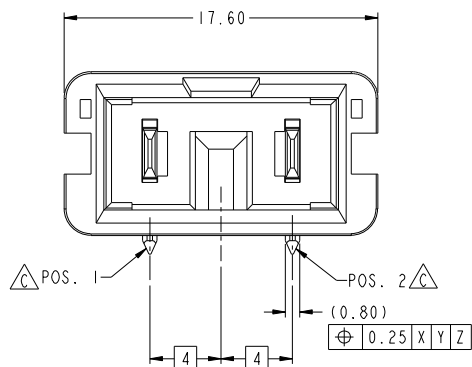
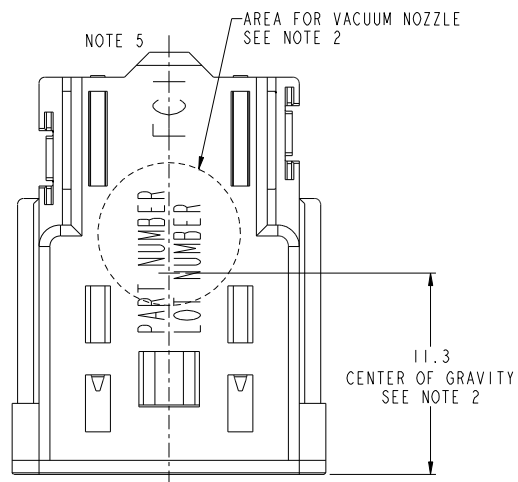
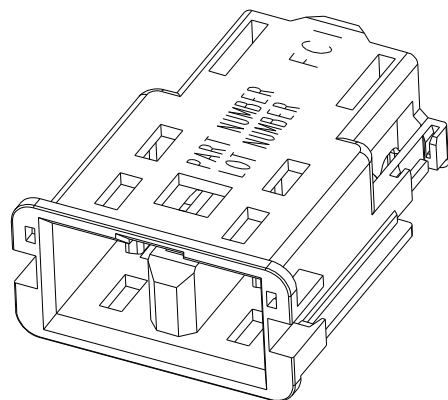
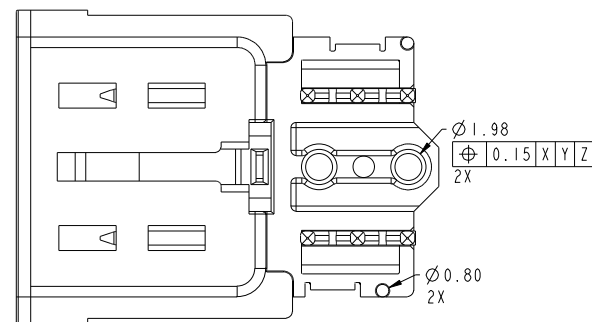
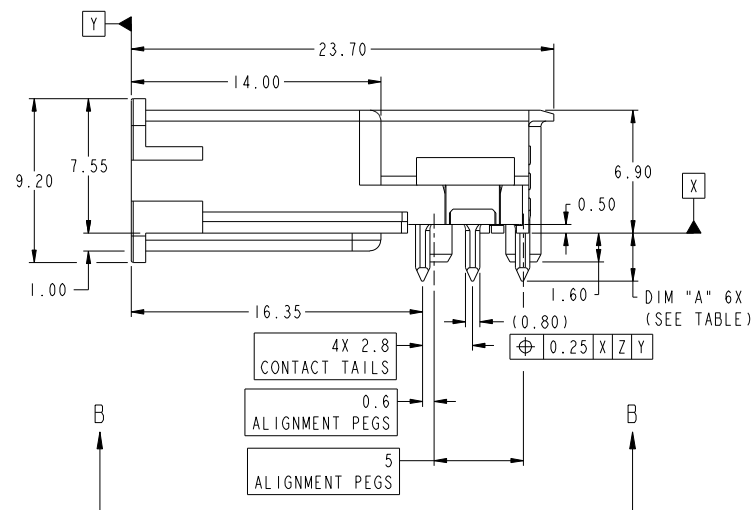




PART NUMBER	DIM "A"	PCB THICKNESS	CONTACT FINISH
10101229-10ILF	2.6	1.6-2.4mm $\pm 10\%$	NOTE 4
10101229-20ILF	2.6	1.6-2.4mm $\pm 10\%$	Sn over Ni
10101229-102LF	3.4	3.2mm $\pm 10\%$	NOTE 4
10101229-202LF	3.4	3.2mm $\pm 10\%$	Sn over Ni



VIEW B-B



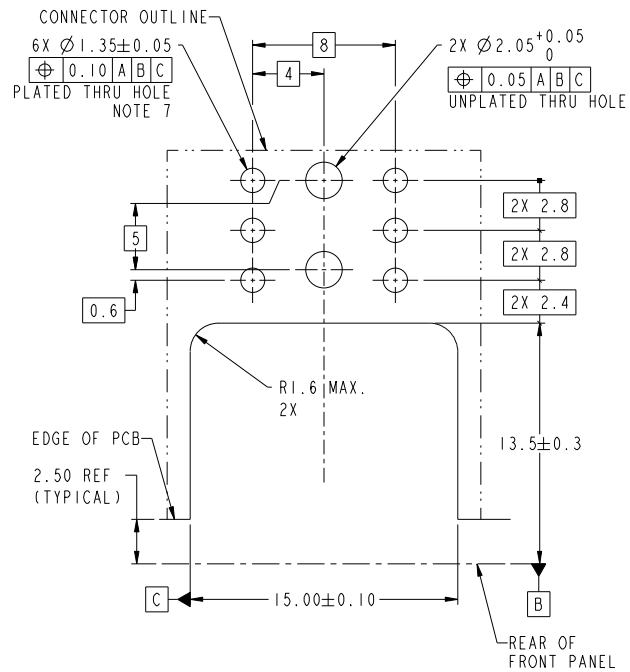
NOTES:

- HOUSING MATERIAL: HIGH TEMPERATURE GLASS FILLED THERMOPLASTIC, UL 94 V-0
POWER CONTACT MATERIAL: COPPER ALLOY
- CONNECTOR CAN BE PICKED UP WITH A VACUUM NOZZLE DIAMETER UP TO 8 MM.
ESTIMATED MASS OF THE PRODUCT IS 2.2 GRAM.
- PRODUCT SPECIFICATION: GS-12-589
- FOR THIS DASH NUMBER, THE SEPARABLE INTERFACE INCLUDES 0.76 UM OF PERFORMANCE-BASED
PLATING QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-589
- PRODUCT MARKING, (PART NUMBER & LOT CODE) ON THIS SURFACE.
- MATES WITH PWR PROFILE(TM) CABLE ASSEMBLY (P/N:10076440/10090232/10090233)
- HOLE DIAMETER INCLUDES Cu PLATING

www.fciconnect.com				surface	tolerance std	projection	MM
TOLERANCES UNLESS OTHERWISE SPECIFIED				ANGULAR	LINEAR	size	Scale
Dr Warren Du 2009-05-11				0.X	± 0.5	A2	3:1
Eng Warren Du 2009-05-11				0.XX	± 0.25	ECN	-
Chr PM ZHENG 2009-05-11				0.XXX	± 0.10	Product family	PwrProfile
Appr Joseph Hsia 2009-05-11				Spec ref		10101229	C
FCI				R/A Header, PIP		REV.	
PWR PROFILE, 20 AMP				Customer		sheet 1 of 3	

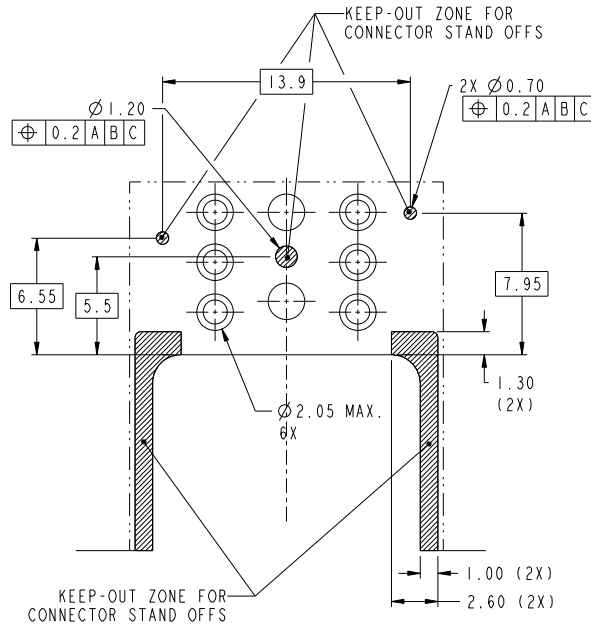
PCB LAYOUT: HOLE PATTERN

PCB THICKNESS: SEE TABLE ON SHEET 1



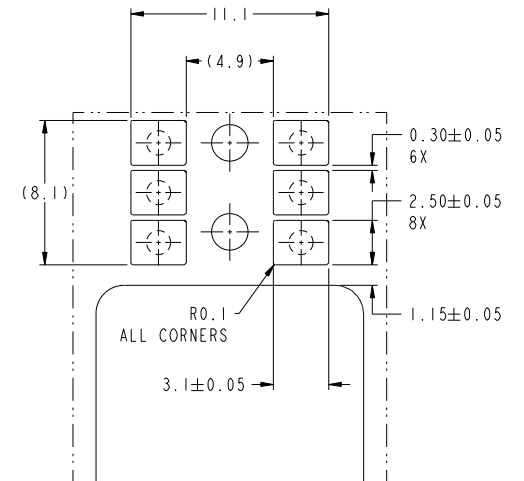
PCB LAYOUT: PLATING

PLATING THICKNESS MUST BE CONSTANT OVER THE CONNECTOR AREA

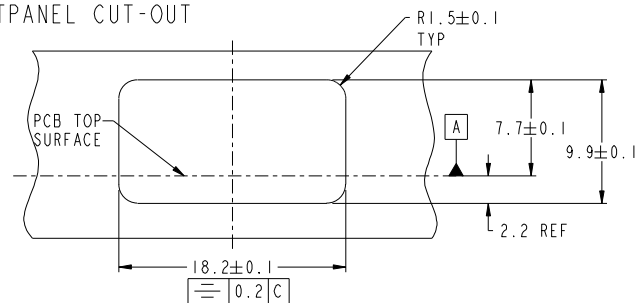


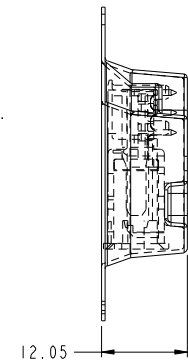
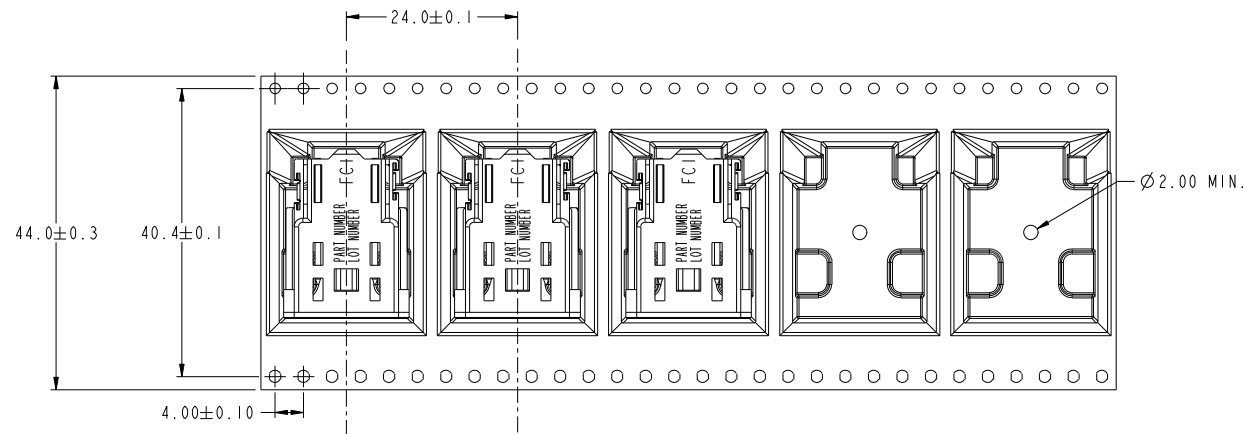
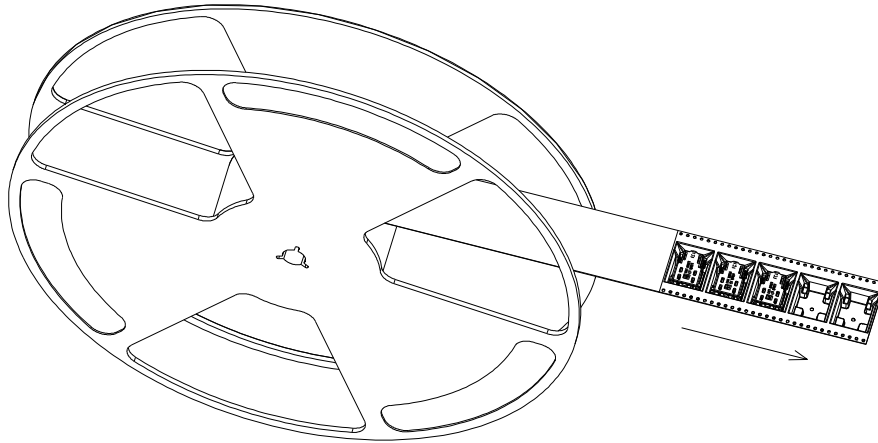
PCB LAYOUT: SOLDER PASTE

RECOMMENDED STENCIL LAYOUT WITH MIN. REQUIRED APERTURES FOR 0.1MM ASSUMED STENCIL THICKNESS (ABOVE COPPER TRACKS) AND 1.6 TO 2.4MM NOMINAL THICKNESS. THE SOLDER CONTENT IN THE PASTE SHOULD BE SUFFICIENT, TYPICALLY 50% VOLUME PERCENTAGE. THE SCREEN PRINTING PROCESS (ANGLE, SPEED, PRESSURE, MATERIALS AND NUMBER OF CYCLES) MUST BE OPTIMIZED SO THAT SUFFICIENT SOLDER IS AVAILABLE.



RECOMMENDED FRONTPANEL CUT-OUT





USER DIRECTION OF FEED

NOTE:
1: MATERIAL CARRIER TAPE: POLYSTYRENE;
2: MATERIAL COVER TAPE: POLYESTER;
3: THE PACKAGING IS ANTISTATIC TREATED.

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R/A Header, PIP
PWR PROFILE, 20 AMP
catalog no

10101229

Rev.
C

sheet 3 of 3

PDM: Rev:C

STATUS Released

Printed: Oct 27, 2010

Mouser Electronics

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