

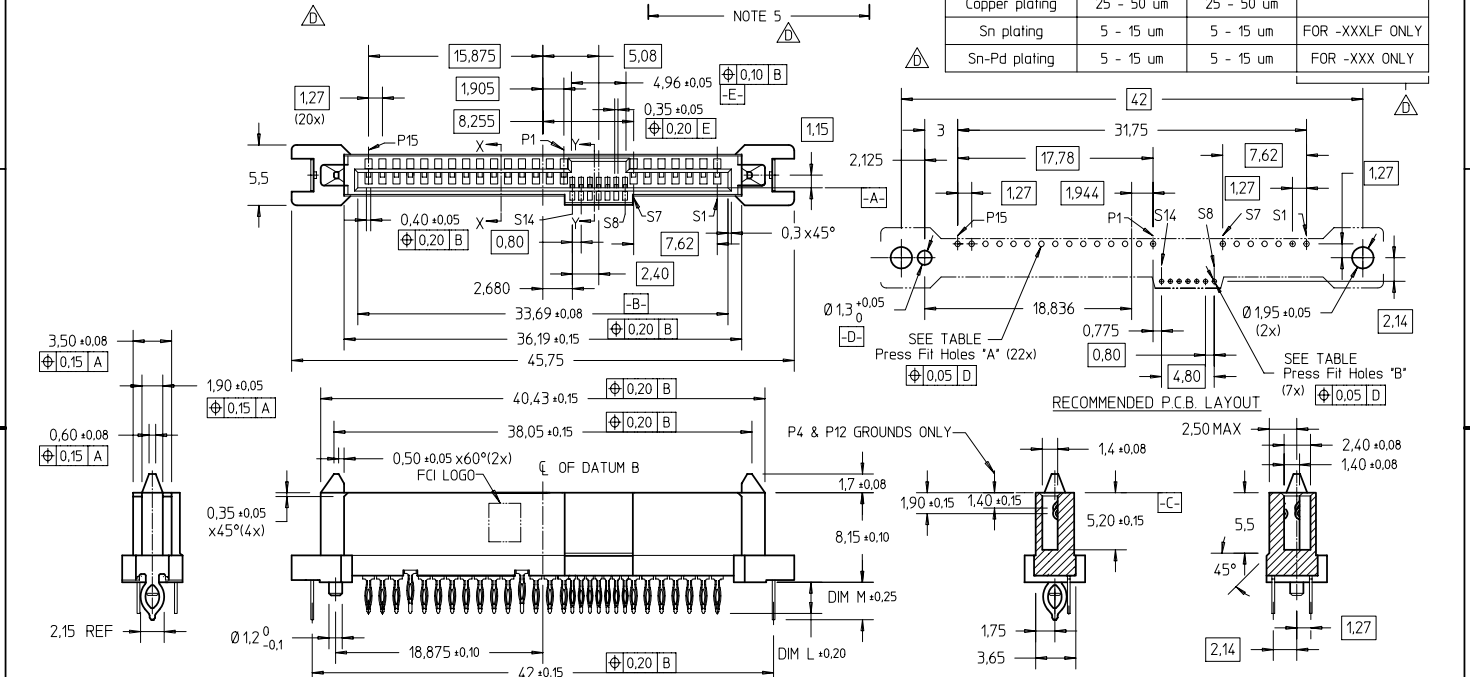
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PRODUCT NO	DIM L	DIM M	PLATING	RECOMMENDED P.C. BOARD THICKNESS	PRODUCT NO	PLATING
10031077-001LF	2.70	3.41	NOTE 2	1.57mm (0.062") / 2.36mm (0.093")	10031077-001	NOTE 5
10031077-011LF	3.70	3.41		2.36mm (0.093")	10031077-011	

Hole Diameter after plating	A	B	REMARK
Drilled hole	0.58 - 0.62 mm	0.50 - 0.51 mm	FOR -XXX & -XXXLF
Copper plating	25 - 50 um	25 - 50 um	
Sn plating	5 - 15 um	5 - 15 um	FOR -XXXLF ONLY
Sn-Pd plating	5 - 15 um	5 - 15 um	FOR -XXX ONLY



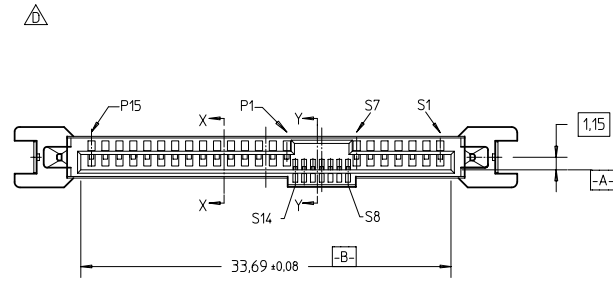
- NOTES:**
- MATERIAL:**
 - HOUSING : HIGH TEMP. THERMOPLASTIC, UL 94V-0 COLOR : BLACK
 - TERMINAL : COPPER ALLOY
 - HOLD DOWN : COPPER ALLOY
 - FINISH :** FOR XXXXXXXX-XXXLF
 - TERMINAL : 30u" Au PLATING (CONTACT POINT) OVER 50u" MIN NICKEL
 - SOLDER TAIL : 20u" MIN -60u" MAX TIN OVER 50u" MIN NICKEL
 - HOLD DOWN : 50u" MIN TIN OVER 50u" MIN NICKEL
 - TRUE POSITION NOTES APPLY AT (L= 2.70MM) TERMINAL TIP**
 - PER SFF REV 11 EXCEPT 0.8mm PITCH BUMP AREA.**
 - FINISH :** FOR XXXXXXXX-XXX
 - TERMINAL : 30u" Au PLATING (CONTACT POINT) OVER 50u" MIN NICKEL
 - SOLDER TAIL : 20u" MIN -60u" MAX TIN-LEAD OVER 50u" MIN NICKEL
 - HOLD DOWN : 50u" MIN TIN-LEAD OVER 50u" MIN NICKEL

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406 ISO 1101		SAS
tr	ecn no	dr	date	title
A	S04-0130	GLL	2004-09-23	SAS RECEPTACLE
B	S05-0026	GLL	2005-02-14	VERTICAL PF TYPE ASSY
C	S04-0281	GLL	2004-08-28	
D	S09-0215	GLL	2009-07-21	
sheet index	revision sheet	D	D	type
	1	2		CUSTOMER Drawing

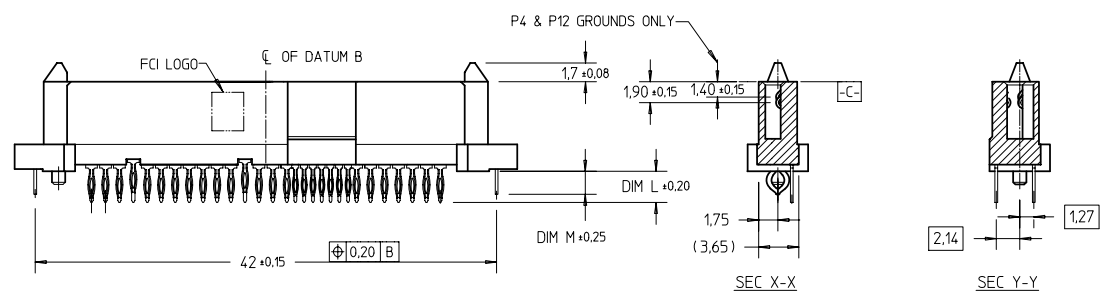
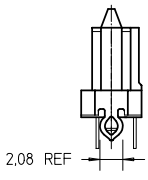
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PRODUCT NO	DIM L	DIM M	PLATING	RECOMMENDED P.C. BOARD THICKNESS
10031077-003LF	2.70	2.10	NOTE 2	1.57mm (0.062") / 2.36mm (0.093")



- NOTES:
- 6 THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
 - 7 THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 - 8 PART NUMBERS ENDING IN "LF" MEANS FOR NOTE 7 LEAD FREE IDENTIFICATION. P/N XXXXXXXX-XXXLF IS EQUIVALENT TO PREVIOUS P/N XXXXXXXX-XXX.
 - 9 NOTE 7 AND 8 DO NOT APPLY TO TIN LEAD PLATING P/N XXXXXXXX-XXX IN TABLE.
 - 10 THE STD PACKAGING IS IN TRAY.
 - 11 A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



NOTES :
ALL OTHER DIMENSIONS, REFER TO SHEET 1.

mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406 ISO 1101	mm	SAS	
ltr	ecn no	dr	date	title	
tolerances unless otherwise specified				SAS RECEPTACLE	
angles				VERTICAL PF TYPE ASSY	
linear				scale 2:1	
± 2°				FCI	
dr	Q. L00	2004-09-23	dwg no		
enrg	Q. L00	2004-09-23	sheet 2 of 2 size		
chr	Q. L00	2009-07-21	10031077		
appd	JOEY NS	2009-07-21	A4		
sheet		revision	type		
index	sheet	1	CUSTOMER Drawing		

PDM: Rev:D STATUS: Released Printed: Jul 31, 2009