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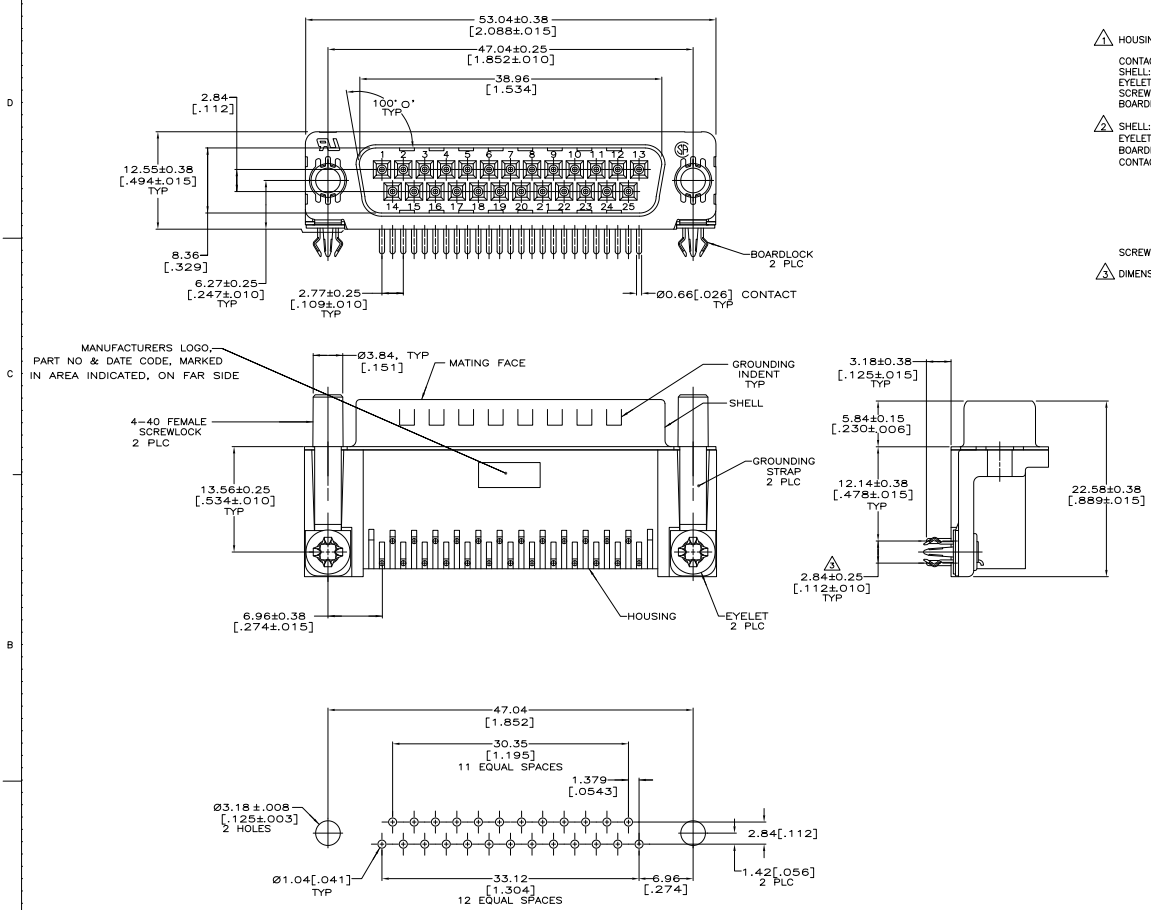
LOC	DIST	REVISIONS				
GP	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			B	REVISED PER ECO-11-009374	23MAY2011	CJV	SLB



RECOMMENDED P.C. BOARD MOUNTING DIMENSIONS
P.C. BOARD THICKNESS: 1.57[.062]

1. HOUSING: NYLON OR POLYESTER, FRAME RETARDANT, UL 94V-0 RATED, GLASS FILLED, BLACK.
   CONTACTS: BRASS.
   SHELL: CARBON STEEL.
   EYELETS: BRASS.
   SCREWLOCKS: ZINC.
   BOARDLOCKS: COPPER ALLOY.
2. SHELL: 2.54μm[.000100] MIN TIN OVER 1.27μm[.000050] MIN COPPER.
   EYELETS: 2.54μm[.000100] MIN TIN OVER COPPER FLASH.
   BOARDLOCKS: 3.81μm[.000150] MIN TIN OVER 1.27μm[.000050] MIN NICKEL.
   CONTACTS: 0.76μm[.000030] MIN GOLD PLATE ON THE MATING SURFACES, 2.54μm[.000100] MIN TIN PLATE ON THE SOLDER END, 1.27μm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
   -OR-
   GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76μm[.000030] MIN TOTAL ON THE MATING SURFACES, 2.54μm[.000100] MIN TIN PLATE ON THE SOLDER END, 1.27μm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
   SCREWLOCKS: CLEAR CHROMATE.
3. DIMENSION APPLIES FROM CENTER OF CONTACTS.

5747850-6
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± 0.13[.005]
4 PLC ± -
ANGLES ± 2°
MATERIAL 1
FINISH 2

DWN L. VARELA - DOCKS 04-27-05
CHK S. BOLASH 04-27-05
APVD M. WALMSLEY 04-27-05
PRODUCT SPEC 108-40025
APPLICATION SPEC 114-40010
WEIGHT -
CUSTOMER DRAWING

TE Connectivity

NAME: PLUG ASSEMBLY, SIZE 3, 25 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .478 SERIES, BOARDLOCKS, AMPLIMITE HD-20

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-5747850 | RESTRICTED TO -
SCALE 4:1 | SHEET 1 OF 1 | REV B

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