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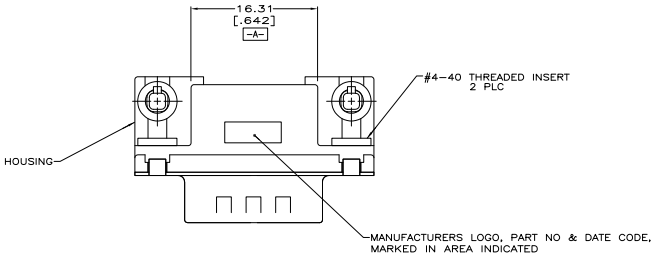
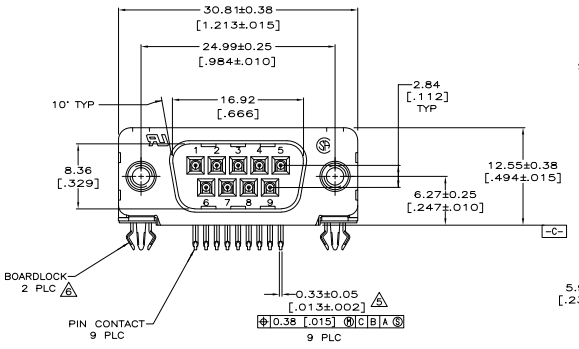
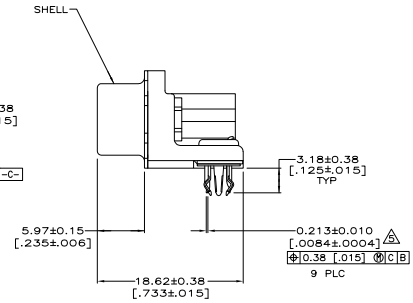
LOC	DIST
GP	00

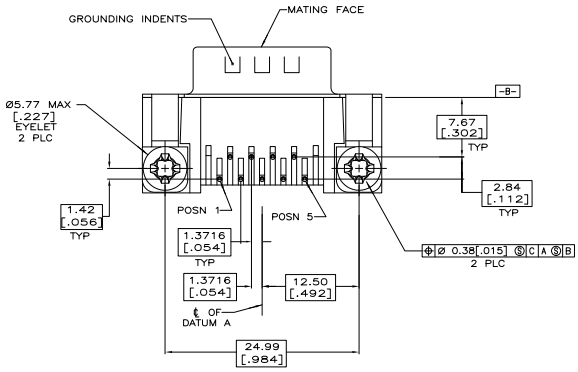
REVISIONS

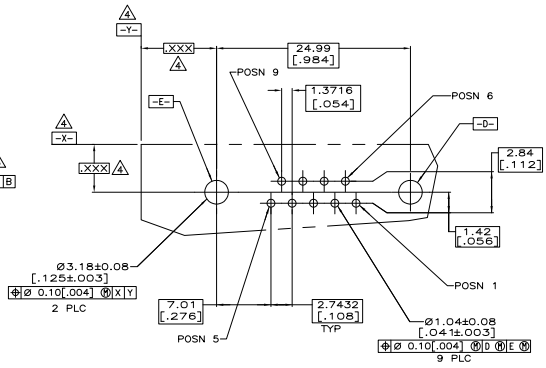
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REVISED PER ECO-06-028339	3/JAN/07	ZMR	EDB











RECOMMENDED PC BOARD LAYOUT

1.57 [.062] PC BOARD THICKNESS

1. HOUSING: NYLON, UL 94V0 RATED, BLACK; SHELL: CARBON STEEL; PIN CONTACTS: BRASS; EYELETS: BRASS; THREADED INSERTS: ZINC; BOARDLOCKS: COPPER ALLOY.
2. PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN GOLD IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm[.000050] MIN NICKEL.
   -OR-
   GOLD FLASH OVER PALLADIUM NICKEL PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, 0.76µm [.000030] MIN PALLADIUM NICKEL IN MATED AREA, 2.54µm [.000100] MIN TIN FOR A LENGTH OF 3.56 [.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm[.000050] MIN NICKEL.
   EYELETS: 2.54µm [.000100] MIN TIN OVER COPPER FLASH.
   SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
   THREADED INSERTS: CLEAR CHROMATE.
   BOARDLOCKS: 3.81µm [.000150] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.
3. PIN CONTACTS: GOLD PLATED FOR A LENGTH OF 3.81 [.150] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54µm[.000100] MIN TIN FOR A LENGTH OF 3.56[.140] MIN FROM OPPOSITE END, BOTH OVER 1.27µm[.000050] MIN NICKEL.
   EYELETS: 2.54µm [.000100] MIN TIN OVER COPPER FLASH.
   SHELL: 2.54µm [.000100] MIN TIN OVER 1.27µm [.000050] MIN COPPER.
   THREADED INSERTS: CLEAR CHROMATE.
   BOARDLOCKS: 3.81µm [.000150] MIN TIN OVER 1.27µm [.000050] MIN NICKEL.
4. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
5. POSITION TOLERANCE APPLIES AT CONTACT TIP.
6. BOARDLOCKS WILL ACCEPT .062 MAX PRINTED CIRCUIT BOARD THICKNESS.
7. COMPATIBLE WITH REFLOW SOLDERING APPLICATIONS TO A MAXIMUM OF 225°C FOR A MAXIMUM DURATION OF 90 SECONDS. TEMPERATURE TO BE MEASURED ON CONNECTOR SURFACE.

3	5788792-2
2	5788792-1
FINISH	PART NO

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
6 PLC ± -
3 PLC ± .X
2 PLC ± .XX ±0.13 [.005]
1 PLC ± .XXX
ANGLES ± 2°

MATERIAL: 1
FINISH: SEE TABLE

DRN	L. VARELA	04-11-05
CHK	S. BOLASH	04-11-05
APVD	M. WALMSLEY	04-11-05

PRODUCT SPEC: 108-40025
APPLICATION SPEC: 114-40010
WEIGHT:

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

PLUG ASSEMBLY, SIZE 1, .318 SERIES, WITH FRONT METAL SHELL, HIGH TEMPERATURE, AMPLIMITE HD-20

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-5788792	—

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 | REV A

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