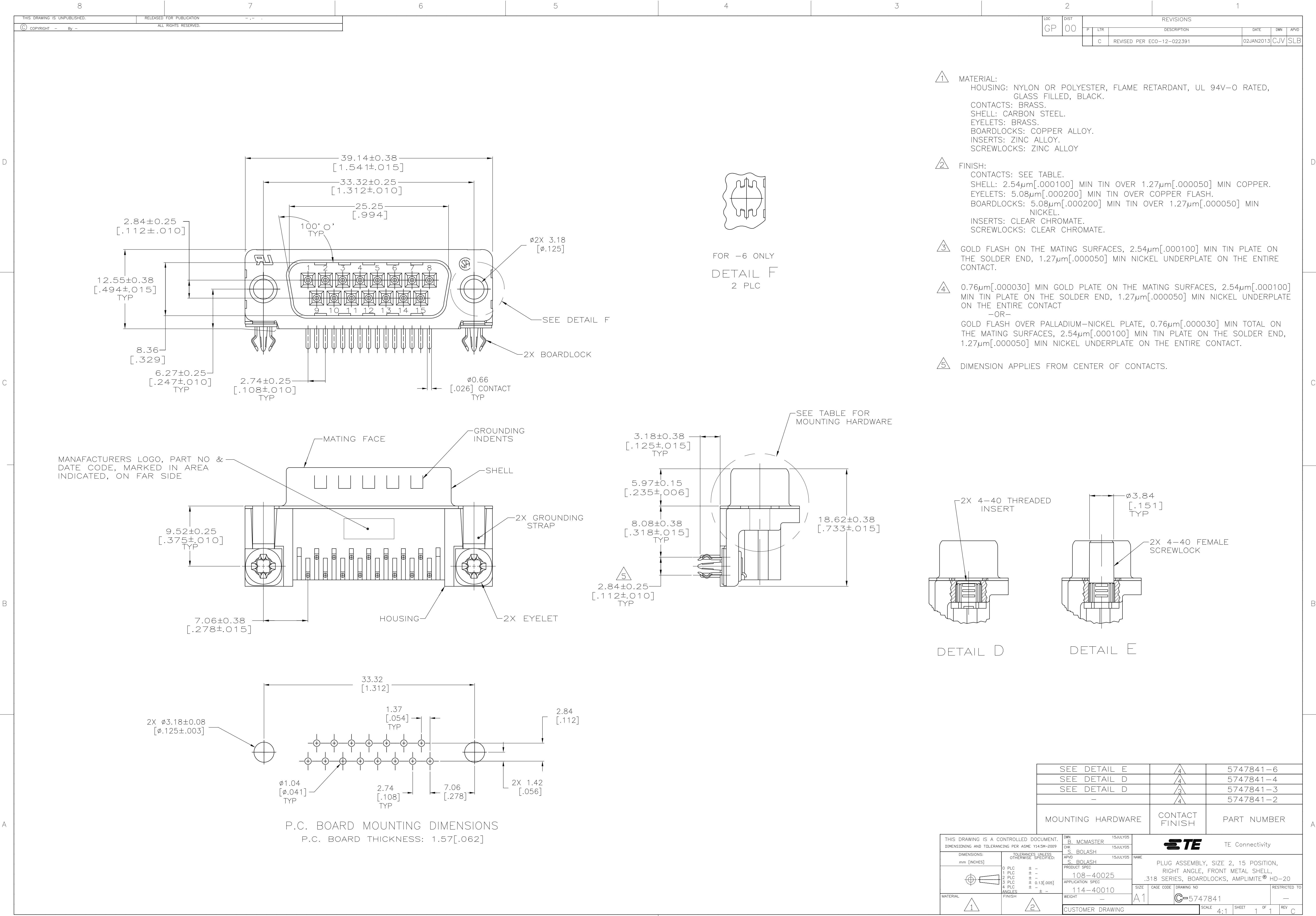




LOC		DIST		REVISONS			
GP		00		DESCRIPTION	DATE	DWN	APVD
C		C		REVISED PER ECO-12-022391	02JAN2013	CJV	SLB

- 1 MATERIAL:
HOUSING: NYLON OR POLYESTER, FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED, BLACK.
CONTACTS: BRASS.
SHELL: CARBON STEEL.
EYELETS: BRASS.
BOARDLOCKS: COPPER ALLOY.
INSERTS: ZINC ALLOY.
SCREWLOCKS: ZINC ALLOY
- 2 FINISH:
CONTACTS: SEE TABLE.
SHELL: $2.54\mu\text{m}$ [$.000100$] MIN TIN OVER $1.27\mu\text{m}$ [$.000050$] MIN COPPER.
EYELETS: $5.08\mu\text{m}$ [$.000200$] MIN TIN OVER COPPER FLASH.
BOARDLOCKS: $5.08\mu\text{m}$ [$.000200$] MIN TIN OVER $1.27\mu\text{m}$ [$.000050$] MIN NICKEL.
INSERTS: CLEAR CHROMATE.
SCREWLOCKS: CLEAR CHROMATE.
- 3 GOLD FLASH ON THE MATING SURFACES, $2.54\mu\text{m}$ [$.000100$] MIN TIN PLATE ON THE SOLDER END, $1.27\mu\text{m}$ [$.000050$] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 4 $0.76\mu\text{m}$ [$.000030$] MIN GOLD PLATE ON THE MATING SURFACES, $2.54\mu\text{m}$ [$.000100$] MIN TIN PLATE ON THE SOLDER END, $1.27\mu\text{m}$ [$.000050$] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT
-OR-
GOLD FLASH OVER PALLADIUM-NICKEL PLATE, $0.76\mu\text{m}$ [$.000030$] MIN TOTAL ON THE MATING SURFACES, $2.54\mu\text{m}$ [$.000100$] MIN TIN PLATE ON THE SOLDER END, $1.27\mu\text{m}$ [$.000050$] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.

5 DIMENSION APPLIES FROM CENTER OF CONTACTS.

DETAIL D

DETAIL E

SEE DETAIL E		5747841-6
SEE DETAIL D		5747841-4
SEE DETAIL D		5747841-3
-		5747841-2
MOUNTING HARDWARE	CONTACT FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN B. MCMASTER 15JULY05	TE Connectivity		
DIMENSIONS: mm [INCHES]		CHK S. BOLASH 15JULY05	NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. BOLASH 15JULY05	PRODUCT SPEC 108-40025 APPLICATION SPEC 114-40010 SIZE CAGE CODE DRAWING NO A1 5747841 RESTRICTED TO —		
0 PLC ± —					
1 PLC ± —					
2 PLC ± —					
3 PLC ± 0.13 [.005]					
4 PLC ± —					
ANGLES ± —					
MATERIAL					
FINISH					
					
CUSTOMER DRAWING		SCALE 4:1 SHEET 1 OF 1 REV C			