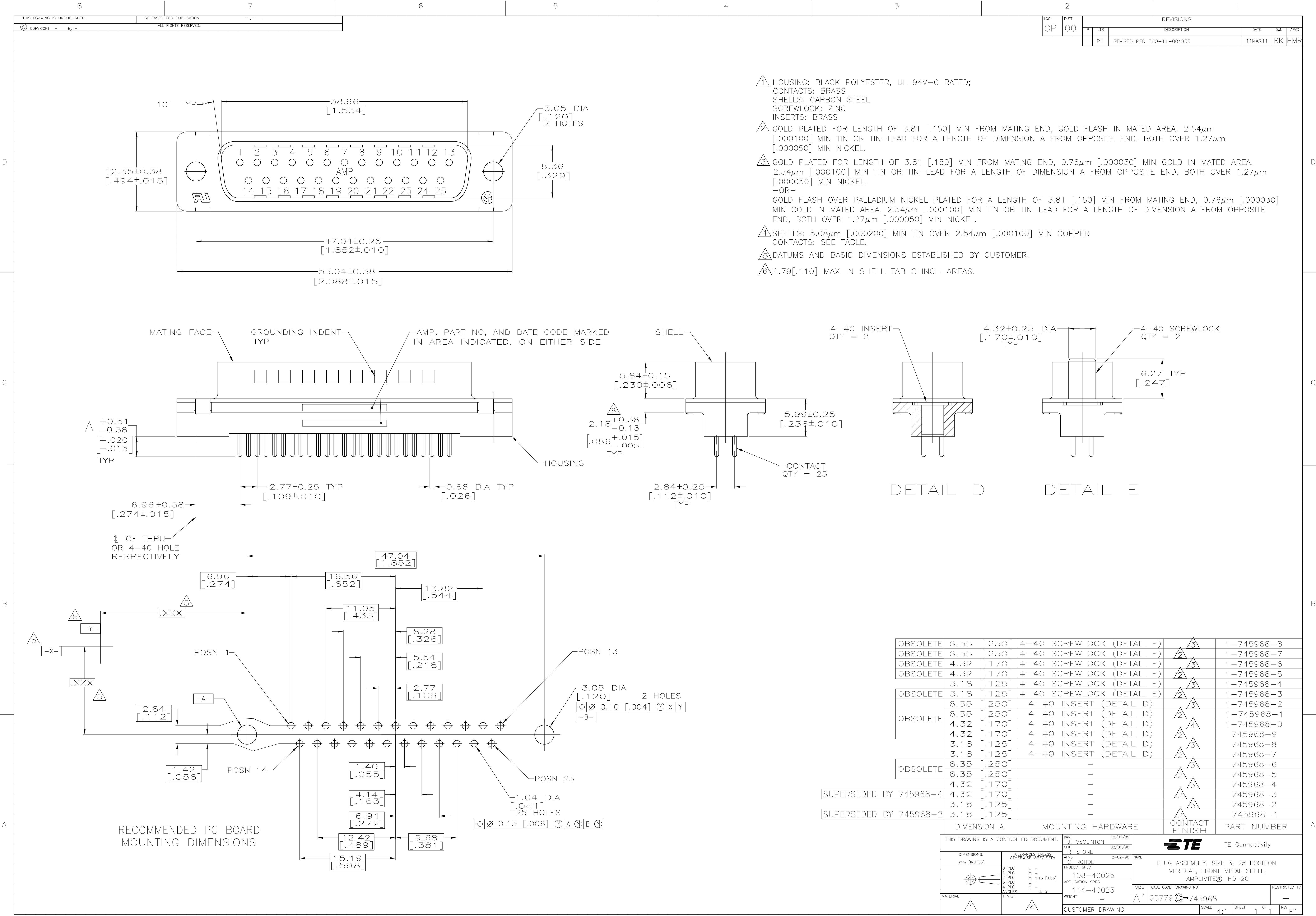




- 1 HOUSING: BLACK POLYESTER, UL 94V-0 RATED;
CONTACTS: BRASS
SHELLS: CARBON STEEL
SCREWLOCK: ZINC
INSERTS: BRASS
- 2 GOLD PLATED FOR LENGTH OF 3.81 [0.150] MIN FROM MATING END, GOLD FLASH IN MATED AREA, 2.54 μm [0.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF DIMENSION A FROM OPPOSITE END, BOTH OVER 1.27 μm [0.000050] MIN NICKEL.
- 3 GOLD PLATED FOR LENGTH OF 3.81 [0.150] MIN FROM MATING END, 0.76 μm [0.000030] MIN GOLD IN MATED AREA, 2.54 μm [0.000100] MIN TIN OR TIN-LEAD FOR A LENGTH OF DIMENSION A FROM OPPOSITE END, BOTH OVER 1.27 μm [0.000050] MIN NICKEL.
- 4 SHELLS: 5.08 μm [0.000200] MIN TIN OVER 2.54 μm [0.000100] MIN COPPER
CONTACTS: SEE TABLE.
- 5 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 6 2.79 [0.110] MAX IN SHELL TAB CLINCH AREAS.

DETAIL D

DETAIL E

OBSOLETE		6.35 [0.250]	4-40 SCREWLOCK (DETAIL E)	3	1-745968-8
OBSOLETE		6.35 [0.250]	4-40 SCREWLOCK (DETAIL E)	2	1-745968-7
OBSOLETE		4.32 [0.170]	4-40 SCREWLOCK (DETAIL E)	3	1-745968-6
OBSOLETE		4.32 [0.170]	4-40 SCREWLOCK (DETAIL E)	2	1-745968-5
		3.18 [0.125]	4-40 SCREWLOCK (DETAIL E)	3	1-745968-4
OBSOLETE		3.18 [0.125]	4-40 SCREWLOCK (DETAIL E)	2	1-745968-3
		6.35 [0.250]	4-40 INSERT (DETAIL D)	3	1-745968-2
OBSOLETE		6.35 [0.250]	4-40 INSERT (DETAIL D)	2	1-745968-1
		4.32 [0.170]	4-40 INSERT (DETAIL D)	4	1-745968-0
		4.32 [0.170]	4-40 INSERT (DETAIL D)	2	745968-9
		3.18 [0.125]	4-40 INSERT (DETAIL D)	3	745968-8
		3.18 [0.125]	4-40 INSERT (DETAIL D)	2	745968-7
OBSOLETE		6.35 [0.250]	-	3	745968-6
		6.35 [0.250]	-	2	745968-5
		4.32 [0.170]	-	3	745968-4
SUPERSEDED BY 745968-4		4.32 [0.170]	-	2	745968-3
		3.18 [0.125]	-	3	745968-2
SUPERSEDED BY 745968-2		3.18 [0.125]	-	2	745968-1
		DIMENSION A		CONTACT FINISH	PART NUMBER
		MOUNTING HARDWARE		TE Connectivity	
		THIS DRAWING IS A CONTROLLED DOCUMENT.		PLUG ASSEMBLY, SIZE 3, 25 POSITION, VERTICAL, FRONT METAL SHELL, AMPLIMITE® HD-20	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		RESTRICTED TO	
		0 PLC ± -		CUSTOMER DRAWING	
		1 PLC ± -		SCALE 4:1	
		2 PLC ± 0.13 [0.005]		SHEET 1 OF 1	
		3 PLC ± -		REV P1	
		4 PLC ± -			
		ANGLES ± 2°			
		FINISH			
		MATERIAL			
		1			
		4			

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[TE Connectivity:](#)

[745968-8](#)