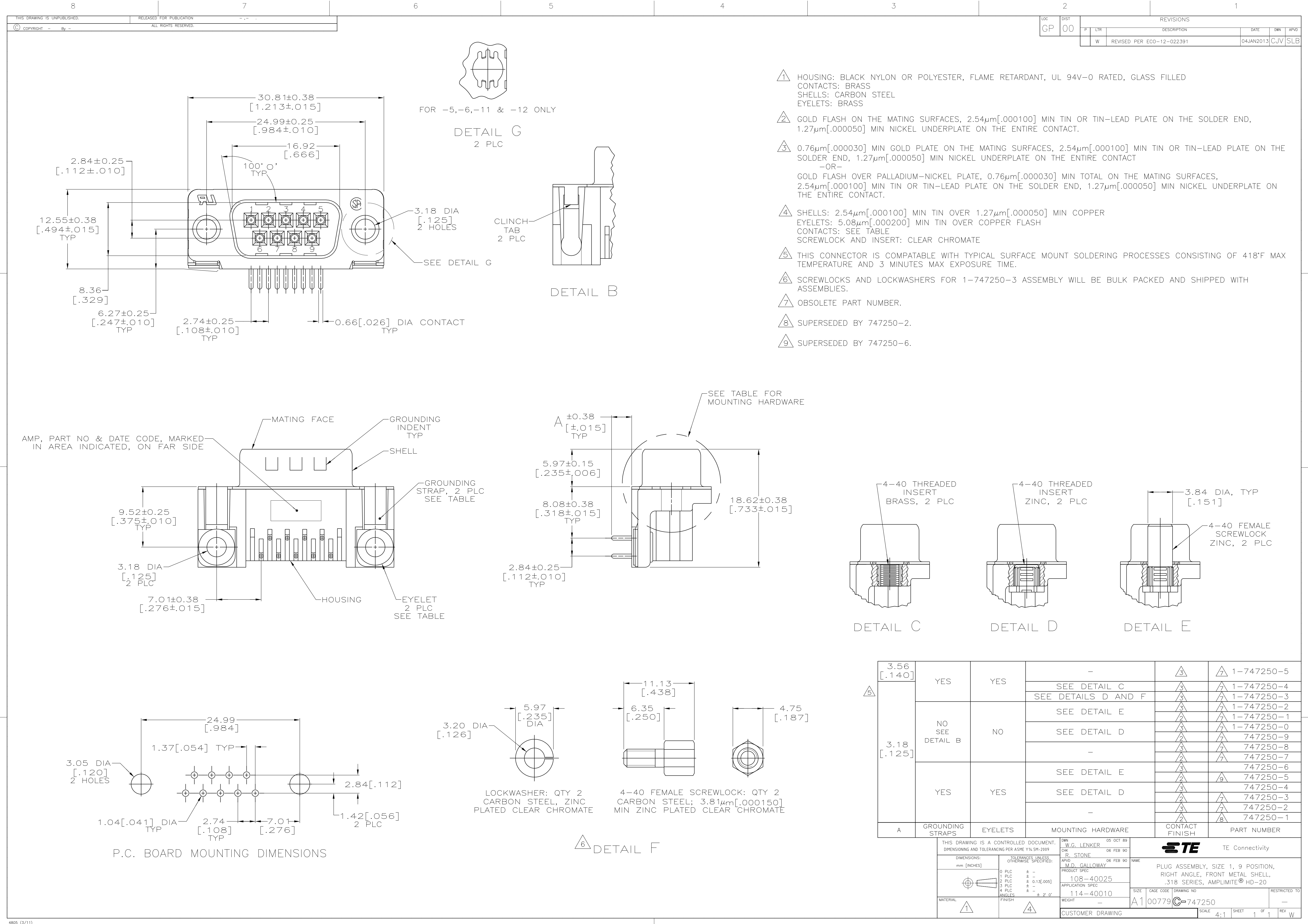




- 1 HOUSING: BLACK NYLON OR POLYESTER, FLAME RETARDANT, UL 94V-0 RATED, GLASS FILLED
CONTACTS: BRASS
SHELLS: CARBON STEEL
EYELETS: BRASS
- 2 GOLD FLASH ON THE MATING SURFACES, 2.54µm[.000100] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 3 0.76µm[.000030] MIN GOLD PLATE ON THE MATING SURFACES, 2.54µm[.000100] MIN TIN OR TIN-LEAD 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 OR TIN-LEAD PLATE ON THE SOLDER END, 1.27µm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 4 SHELLS: 2.54µm[.000100] MIN TIN OVER 1.27µm[.000050] MIN COPPER
EYELETS: 5.08µm[.000200] MIN TIN OVER COPPER FLASH
CONTACTS: SEE TABLE
SCREWLOCK AND INSERT: CLEAR CHROMATE
- 5 THIS CONNECTOR IS COMPATIBLE WITH TYPICAL SURFACE MOUNT SOLDERING PROCESSES CONSISTING OF 418°F MAX TEMPERATURE AND 3 MINUTES MAX EXPOSURE TIME.
- 6 SCREWLOCKS AND LOCKWASHERS FOR 1-747250-3 ASSEMBLY WILL BE BULK PACKED AND SHIPPED WITH ASSEMBLIES.
- 7 OBSOLETE PART NUMBER.
- 8 SUPERSEDED BY 747250-2.
- 9 SUPERSEDED BY 747250-6.

3.56 [.140]	YES	YES	-	3	1-747250-5			
3.18 [.125]	NO SEE DETAIL B	NO	SEE DETAIL C	3	1-747250-4			
			SEE DETAILS D AND F	3	1-747250-3			
			SEE DETAIL E	3	1-747250-2			
			SEE DETAIL D	2	1-747250-1			
			-	3	1-747250-0			
	YES	YES	-	2	747250-9			
			SEE DETAIL E	3	747250-8			
			SEE DETAIL D	2	747250-7			
			-	3	747250-6			
			SEE DETAIL E	2	747250-5			
			SEE DETAIL D	3	747250-4			
A	GROUNDING STRAPS	EYELETS	MOUNTING HARDWARE	CONTACT FINISH	PART NUMBER			
						-	2	747250-3
						-	3	747250-2
						-	2	747250-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWN W.G. LENKER CHK R. STONE APVD M.D. GALLOWAY	05 OCT 89 06 FEB 90 06 FEB 90	NAME	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	
		0 PLC ± - 1 PLC ± - 2 PLC ± 0.13[.005] 3 PLC ± - 4 PLC ± - ANGLES ± 2° 0'		108-40025	
MATERIAL		FINISH		APPLICATION SPEC	
				114-40010	
				WEIGHT	
				-	
				CUSTOMER DRAWING	

		TE Connectivity	
PLUG ASSEMBLY, SIZE 1, 9 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, AMPLIMITE® HD-20			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-747250	-
SCALE		4:1	SHEET
		1	OF 1
		REV	W