



- 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,  $2.54 \mu\text{m}$  [ $.000100$ ] MIN TIN OR TIN-LEAD PLATE ON THE SOLDER END,  $1.27 \mu\text{m}$  [ $.000050$ ] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 3  $0.76 \mu\text{m}$  [ $.000030$ ] MIN GOLD PLATE ON THE MATING SURFACES,  $2.54 \mu\text{m}$  [ $.000100$ ] MIN TIN OR TIN-LEAD 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 OR TIN-LEAD PLATE ON THE SOLDER END,  $1.27 \mu\text{m}$  [ $.000050$ ] MIN NICKEL UNDERPLATE ON THE ENTIRE CONTACT.
- 4 SHELLS:  $2.54 \mu\text{m}$  [ $.000100$ ] MIN TIN OVER  $1.27 \mu\text{m}$  [ $.000050$ ] MIN COPPER.  
EYELETS:  $5.08 \mu\text{m}$  [ $.000200$ ] MIN TIN OVER COPPER FLASH.  
CONTACTS: SEE TABLE.  
SCREWLOCKS AND INSERTS: CLEAR CHROMATE.
- 5 SCREWLOCKS FOR 1-747238-3 ASSEMBLY WILL BE BULK PACKED AND SHIPPED WITH ASSEMBLIES.
- 6 OBSOLETE PART NUMBER.
- 7 SUPERSEDED BY 1-747238-2.
- 8 SUPERSEDED BY 747238-6.
- 9 SUPERSEDED BY 747238-3.

NO SEE DETAIL B	NO	SEE DETAILS D AND F		1-747238-3	
		SEE DETAIL E		1-747238-2	
		SEE DETAIL D		1-747238-1	
		-		1-747238-0	
		-		747238-9	
YES	YES	SEE DETAIL E		747238-8	
		SEE DETAIL D		747238-7	
		-		747238-6	
		-		747238-5	
		-		747238-4	
GROUNDING STRAPS	EYELETS	MOUNTING HARDWARE	CONTACT FINISH		747238-3
			PART NUMBER		747238-2
					747238-1

THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-2009		DWG W.G. LENKER 07-NOV-89	TE Connectivity	
		CHK R. STONE 05-FEB-90		
DIMENSIONS: mm [INCHES]		APPROVED M.D. GALLOWAY 06-FEB-90	NAME	
		PRODUCT SPEC 108-40025	PLUG ASSEMBLY, SIZE 3, 25 POSITION, RIGHT ANGLE, FRONT METAL SHELL, .318 SERIES, AMPLIMITE® HD-20	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± .005 1 PLC ± .005 2 PLC ± .005 3 PLC ± .005 4 PLC ± .005 ANGLES ± .2°		APPLICATION SPEC 114-40010	RESTRICTED TO	
MATERIAL	FINISH	WEIGHT	SIZE A1	CAGE CODE 00779
			DRAWING NO C-747238	
CUSTOMER DRAWING			SCALE 4:1	SHEET 1 OF 1
			REV AA	

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[747238-4](#)