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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	H	REVISED PER ECO-08-007327	02OCT08	BM WM

90° COVER

15.49
[.610]

106.25
[4.183]

35.05
[1.380]

44.71
[1.760]

8.89
[.350]

PLUG ASSEMBLY

PLUG SHIELD

- THIS ASSEMBLY SHOWN ASSEMBLED BUT SHIPPED UNASSEMBLED.
- MATERIAL: HOUSING - POLYPHENYLENE OXIDE, BLACK. SHIELDS - CARBON STEEL PLATED WITH 5.1μm [.000200] MINIMUM NICKEL. COVERS - ABS MOLDING COMPOUND, PLATED WITH 0.51μm [.000020] MINIMUM ELECTROLYTIC NICKEL OVER 5.1μm [.000200] MINIMUM ELECTROLYTIC COPPER OVER 0.25μm [.000010] MINIMUM ELECTROLESS NICKEL. TERMINAL - PHOSPHOROUS BRONZE PLATED WITH 0.76μm [.000030] MIN GOLD OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76μm [.000030] MIN TOTAL ON MATING SURFACE. 1.27μm [.000050] MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
- WIRE SIZE: 24-26 AWG SOLID OR 24 AWG 7-STRANDED COPPER CONDUCTORS. INSULATION DIAMETER 0.73-1.15 [.029-.045] IS ACCEPTABLE FOR MOST APPLICATIONS.
- WIRE SIZE: 22 AWG SOLID OR 7-STRANDED COPPER CONDUCTORS. INSULATION DIAMETER 1.14-1.42 [.045-.056] IS ACCEPTABLE FOR MOST APPLICATIONS.
- ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
- CABLE RANGE: 11.43-13.97 [.450-.550] OUTSIDE DIAMETER.
- CABLE RANGE: 13.97-17.78 [.550-.700] OUTSIDE DIAMETER.
- DIMENSIONS SHOWN IN [] ARE INCHES.
- KIT PACKAGED 1 PER POLYBAG.
- BULK PACKAGED 100 KITS PER BOX.
- WIRE SIZE: 24 AND 26 AWG SOLID OR STRANDED (7 STRANDS) COPPER CONDUCTORS. MAXIMUM INSULATION DIAMETER 1.32 [.052] IS ACCEPTABLE FOR MOST APPLICATIONS.

PACKAGING	COLOR DOT	SLOT SIZE	PART NUMBER
10	WHITE	K 11	6 556624-4
10	BLUE	B 3	6 556624-3
9	BROWN	F 4	7 556624-2
9	BLUE	B 3	6 556624-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	R. NELSON	10-17-89	Tyco Electronics Corporation	
DIMENSIONS: mm [INCHES]		CHK	B. FOX	12-19-89	Harrisburg, PA 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	R. NELSON	12-20-89	NAME	
0 PLC	± -	PRODUCT SPEC		PLUG ASSEMBLY KIT,		
1 PLC	± -	APPLICATION SPEC		64 POSITION, 90 DEGREE EXIT,		
2 PLC	± -	WEIGHT		SHIELDED, CHAMP		
3 PLC	± -	SIZE		CAGE CODE	DRAWING NO	RESTRICTED TO
4 PLC	± -	MATERIAL		A2	00779	—
ANGLES	± -	FINISH		C=556624		—
CUSTOMER DRAWING		SCALE		2:1	SHEET	1 OF 1
		REV		H		

AMP 1471-9 REV 31MAR2000

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