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| LOC | DIST | REVISIONS | | | | | |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| | | P | LTR | DESCRIPTION | DATE | DWN | APVD |
| GP | 00 | | G | REVISED PER ECO-06-025935 | 12/FEB/07 | ZMR | WLM |

1. THIS ASSEMBLY SHOWN ASSEMBLED BUT SHIPPED UNASSEMBLED.
2. 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 0.76μm [.000030] MIN PALLADIUM NICKEL ON CONTACT MATING SURFACE. 1.27μm [.000050] MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
3. 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.
4. WIRE SIZE: 22 AWG SOLID OR 7-STRANDED COPPER CONDUCTORS. INSULATION DIAMETER 1.14-1.42 [.045-.056] IS ACCEPTABLE FOR MOST APPLICATIONS.
5. ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
6. CABLE RANGE: 11.43-13.97 [.450-.550] OUTSIDE DIAMETER.
7. CABLE RANGE: 13.97-17.78 [.550-.700] OUTSIDE DIAMETER.
8. DIMENSIONS SHOWN IN [] ARE INCHES.
9. KIT PACKAGED 1 PER POLYBAG.
10. BULK PACKAGED 100 KITS PER BOX.
11. 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 |
| OBSOLETE | 9 | BROWN | F 4 | 7 556624-2 |
| OBSOLETE | 9 | BLUE | B 3 | 6 556624-1 |

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

AMP 1471-9 REV 31MAR2000

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