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Design Specification
Part Number: 34914

DESCRIPTION: 18 AWG 2 conductor shielded fire alarm cable Nom. O.D. (in.)

CONSTRUCTION:

Conductors: 18 AWG solid bare copper
 Insulation: 0.0069" nominal wall Plenum PVC
 Core Assembly: 2 conductors cabled together with a LHL
 (4.8 Twists per foot, Nominal Value Only)
 Shield: Aluminum/polyester tape helically applied with the foil side out
 Drain Wire: 24 AWG 7/30 tinned copper helically applied over the foil shield
 Jacket: 0.014" nominal wall Red Plenum PVC .139
 Parallel rip cord located under jacket.

COLOR CODE: Black, Red

SPECIFICATIONS: UL 1424, Power-Limited Fire Alarm Circuit Cables
 UL 13 Power Limited Circuit Cable
 UL 444 Communication Cables
 NFPA 262, Plenum Flame Test (UL 910)
 NEC Article 760, 725 and 800

CERTIFICATIONS: UL Listed Type FPLP/CL3P/CMP
 C(UL)US CMP
 California State Fire Marshal Approved

ELECTRICAL CHARACTERISTICS:

Capacitance: 71 pF/ft nominal @ 1 KHz conductor – conductor
 135 pF/ft nominal @ 1 KHz conductor - ground
 DC Res: 6.78 ohms/Kft max @ 20C

SURFACE PRINT: E111271(01-12345)18AWGSHIELDED FPLP/CL3P(UL)
 ORCMP C(UL)US ROHS 000002
 Sequential footage markers every 2 feet

SIGNATURE: _____ DATE: _____

| DRAWING | REV. | DATE | DRWN. | APP. | REMARKS | 34914 |
|---------|------|-----------|-------|------|--------------------------------|-------|
| 34914 | .07 | 3/19/2014 | PA | JB | TEXT | |
| 34914 | .06 | 1/10/13 | BC | PA | Drain | |
| 4914 | .05 | 9/21/09 | 2me | RHW | Add temp. range | |
| 4914 | .04 | 7/22/09 | 2me | RHW | Add twists per foot to spec. | |
| 4914 | .03 | 08/21/06 | 2me | RHW | Tri rate and add RoHS to print | |