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- NOTES:**
1. THERMAL CYCLE: -40 TO 75°C BEFORE TESTING: 1 HOUR HOLD AT TEMP, 3 CYCLES. QUALIFICATION ONLY: 10 CYCLES.
  2. HE LEAK TEST @1 ATM. <10<sup>-6</sup> CC/S.
  3. HYPOT 630 VDC 500 MW 0.01 SEC MINIMUM, WIRE TO WIRE.
  4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
  5. CONTINUITY TESTS: ITEM 5 TO ITEM 6 (2X) <1mW. ITEMS 3 & 4 CONTACT TO CONTACT (36X) <200 mW.
  6. QUALIFICATION LEAK TEST: 60 PSI FLANGE SIDE, NO BUBBLES (SEE NOTE 1).
  7. ALIGN TERMINALS (ITEMS 3, 4, 5 & 6) AS SHOWN.
  8. DO NOT USE PULL STRENGTH TEST OF TERMINAL UNLESS FORCE IS ISOLATED FROM ITEM 9.

|    |       |                |                                       |
|----|-------|----------------|---------------------------------------|
| 12 | A/R   | SUPER O-LUBE   | LUBRICANT O-RING SILICONE-BASED       |
| 11 | 20.5" | PC10 RED       | WIRE 10PC 413/#36 N30-36B-657-3UC1    |
| 10 | 20.5" | PC10 BLK       | WIRE 10PC 413/#36 N30-36B-657-2UC1    |
| 9  | A/R   | PAVE-Seal 150  | EPOXY BLACK                           |
| 8  | 1     | SH-125-STZD    | RETAINING RING 1.25 STEEL ZINC-PLATED |
| 7  | 1     | -024 VITON     | O-RING -024 VITON 75                  |
| 6  | 1     | AMP#4-520447-2 | TERMINAL #10-12 RCPT                  |
| 5  | 1     | AMP#4-521097-2 | TERMINAL .25X.032 #10-12 TAB          |
| 4  | 1     | MODE #35-020-0 | CONNECTOR RIBBON IDC 20 #28-30        |
| 3  | 1     | MODE #35-016-0 | CONNECTOR RIBBON IDC 16 #28-30        |
| 2  | 18.5" | T&B #173-16    | CABLE RIBBON 16 #28 SOLID             |
| 1  | 21.0" | T&B #173-20    | CABLE RIBBON 20 #28 SOLID             |

ITEM QTY PART# DESCRIPTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN MM  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-13  
 .X DECIMAL +/- 2.5 .XX DECIMAL +/- .50 .XXX DECIMAL +/- .100  
 ANGLES +/- 1 DEG SURFACE FINISH 3.2 micrometers RMS



DESCRIPTION PAVE-Seal® Cable Harnesses  
 SPF20-E-150-2/1/1-PC10/20RIB/16RIB-10/9/9-10/11/5/9

PART NUMBER  
**2315**

