



NOTES:

1. LEAK TEST: 1500 PSI, NO BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. OPTICAL CONTINUITY CHECK, 3 MINIMUM GOOD FIBERS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
9. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
10. REF-OPERATING TEMPERATURE RANGE -20 °C TO 120 °C.
11. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [.13] MAXIMUM.
12. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.
13. DIMENSIONS ARE INCHES [millimeters].

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|-------------|-----------------|--------------------|--|
| 10 | A/R | PARKER O-LUBE | LUBRICANT O-RING BARIUM-BASED |
| 9 | 2 | -015 N0674-70 | O-RING -015 NBR 70 |
| 8 | SEE NOTE 3 4 | F-001PWST5OA | FIBER OPTIC 62.5/125 MULTIMODE 900um ORANGE HARD ELASTOMERIC BUFFER |
| 7 | 1 | 55A0421-26-9/92 | WIRE TZ26 19/#38 TPC TWST PR WHT & WHT/RED STRIPE |
| 6 | 1 | 55A0421-26-9/93 | WIRE TZ26 19/#38 TPC TWST PR WHT & WHT/ORANGE STRIPE |
| 5 | 1 | 55A0421-26-9/95 | WIRE TZ26 19/#38 TPC TWST PR WHT & WHT/GREEN STRIPE |
| 4 | 1 | 55A0421-26-9-96 | WIRE TZ26 19/#38 TPC TWST PR WHT & WHT/BLUE STRIPE |
| 3 | 1 | FRCL-122111 | CABLE CAT 6 UNJACKETED NO SHIELD (ONLY 2 TWISTED PAIRS OF 4 USED, BLU/WHT W/BLU STRIPE & ORG/WHT W/ORG STRIPE) |
| 2 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 1 | 1 | 1374M | HOUSING SP11M-E |
| ITEM | QTY | PART NUMBER | DESCRIPTION |

RECOMMENDED RETAINING RING
TRUARC N5000-75 OR EQUAL

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES.
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE ±0.5
 X.X DECIMAL ±0.1 X.XX DECIMAL ±0.02 X.XXX DECIMAL ±0.005
 ANGLES ±1 DEGREE SURFACE FINISH 128 microinch RMS

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
SP11M-E-150-2TPT/4TP/3-CAT6/TZ26/MMFO-250-16

PART NUMBER
5801

MATERIAL NOTED

REVISION LEVEL -

PROJECTION