NOTES:
1. LEAK TEST: 80 PSI 2B, NO BUBBLES "2" MINUTES MINIMUM.
2. SHIELD & WIRE CONTINUITY <0.5 Ω AFTER CONSTRUCTION.
3. FOR 0699: HYPOT 630 VDC 500 MO 0.01 SEC MINIMUM, WIRE TO WIRE & SHIELD.
4. FOR 0699-1: HYPOT 1000 VDC 500 MO 1.0 SEC MINIMUM, WIRE TO WIRE & SHIELD.
   0699-1 QUALIFICATION ONLY: 1100 VAC, <1 mA LEAKAGE WIRE TO WIRE & SHIELD,
   1 MINUTE MINIMUM.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
8. NO Voids ARE ACCEPTABLE ON O-RING SEALING SURFACES, Voids SMALLER THAN
   #0.035 [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
9. DIMENSION IS OVER—ALL LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
10. REF—PARTS ARE DELFLASHED ON PARTING LINE +0.005 [.13] MAXIMUM.
11. REF—OPERATING TEMPERATURE RANGE -30° TO 120°.
12. DIMENSIONS ARE INCHES [millimeters].
13. 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.

<table>
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<th>PART#</th>
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<th>ITEM 2 “X”</th>
<th>ITEM 2 “Y”</th>
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<th>“Z”</th>
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SPF12 INSTALLATION PORT

RECOMMENDED RETAINING RING
TRUARC #5100—75 OR EQUAL

6 | A/R | PARKER O—LUBE | LUBRICANT O—RING BARIUM—BASED
5 | 1   | -016 BUNA    | -016 BUNA 75  |
4 | A/R | PAVE—Seal 150 | EPOXY BLACK   |
3 | 1   | TEF 4/C #22   | CABLE Belden 83349 TEF JKT+SHD |
2 | 2   | EE12 BLACK    | WIRE 12EE MIL—W—16878/6 .017 19/#25 |
1 | 1   | 0130          | HOUSING SPF12—E  |

ITEM QTY PART# DESCRIPTION

0699*  

ALL DIMENSIONS AND TOLERANCES ARE TAKEN PART IN INCHES
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5
X DECIMAL +/- 0.1  XX DECIMAL +/- 0.02  XXX DECIMAL +/- 0.005
ANGLES +/- 1 DEG  SURFACE FINISH 128 microinches RMS