



RECOMMEND TRUARC 5133-50

NOTES:

1. LEAK TEST: 80 PSI N2, NO BUBBLES 1.5 MINUTES MINIMUM. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MW 0.01 SEC MINIMUM, WIRE TO WIRE & SHIELD.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. 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
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE RANGE -65°C TO 150°C.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [.13] MAXIMUM.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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.

ITEM	QTY	PART NUMBER	DESCRIPTION
5	A/R	PETROLEUM JELLY	LUBRICANT O-RING PETROLEUM-BASED
4	2	-012 LM100-70	O-RING -012 FLUOROSILICONE M25988/1
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	TEF 2/C #20 EXT	CABLE 2/C #20 TSJ CABLE .170" NOM O.D. JACKET: EXTRUDED WHITE FEP .0125 NOM THK SHIELD: BRAIDED SPC WIRE 90% COVERAGE CONDUCTORS: 2 E20 PER MIL-W-16878/4D 19/32 STRAND ONE RED & ONE BLACK LEAD RATED -65°C TO 200°C, RATED FOR 600V RESISTANT TO ACIDS, ALKALIS, OIL, FLAME, SOLVENTS & FUNGUS
1	1	0125	HOUSING SP8/83-E

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
 SP8/83-E-150-2SJ-TEE20-3-32

PART NUMBER
0760

MATERIAL NOTED

REVISION LEVEL L

PROJECTION