



NOTES:

1. HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS. A -012 O-RING IS USED FOR TESTING PURPOSES AND LUBRICATED WITH IPA ONLY. 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. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE COLOR POSITIONING IS CRITICAL.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [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. REF-OPERATING TEMPERATURE -60°C TO 150°C.
8. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.002 [0.05] MAXIMUM.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.
11. BLACK WIRE TO BE MARKED WITH PAVE 4740 & BATCH CODE.
12. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON VACUUM SIDE OF HOUSING & EPOXY BOSS ON ATMOSPHERE SIDE.

8	1	4819	HOUSING SP8S-E
7	1	TZ22/33 GREEN	WIRE 22TZ M22759/33-22 19/#34 SPC
6	1	TZ22/33 YELLOW	WIRE 22TZ M22759/33-22 19/#34 SPC
5	1	TZ22/33 ORANGE	WIRE 22TZ M22759/33-22 19/#34 SPC
4	1	TZ22/33 RED	WIRE 22TZ M22759/33-22 19/#34 SPC
3	1	TZ22/33 BROWN	WIRE 22TZ M22759/33-22 19/#34 SPC
2	1	TZ22/33 BLACK	WIRE 22TZ M22759/33-22 19/#34 SPC
1	A/R	PAVE-Seal 200	EPOXY BLACK
ITEM	QTY	PART NUMBER	DESCRIPTION

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

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DESCRIPTION
 SP8S-E-200-6-TZ22-10-6

PART NUMBER
4740

MATERIAL NOTED

REVISION LEVEL
 C

PROJECTION