



NOTES:

- 4761 ONLY: HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS.
4761-1 ONLY: HE LEAK TEST @ 1 ATM. 1×10^{-8} CC/SEC OR LESS.
A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
4761-1 QUALIFICATION LEAK TEST: 150 PSI, NO BUBBLES 30 SECONDS MINIMUM.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
- WIRE POSITIONING IS APPROXIMATE & VARIABLE.
- COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5$ [12.7] SEAL DIAMETER: $\phi .035$ [.89] MAX ALLOWED VOID SIZE
 $> .5$ [12.7] SEAL DIAMETER: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE -20°C TO 85°C .
- DIMENSIONS ARE INCHES [millimeters].
- 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.
- REF-HAND TIGHTEN HOUSING UNTIL HEX IS FLUSH AGAINST INSTALLATION PORT. **MAXIMUM INSTALLATION TORQUE 2 ft.lb.**

5	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
4	1	3-902 BUNA	O-RING 3-902 BUNA 75
3	4	E28 BLACK	WIRE 28E MIL-W-16878/4 .010 7/#36
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4393	HOUSING SO5-AL (BLACK ANODIZED)
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.

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DESCRIPTION
SO5-AL-150-4-TE28-12-12

PART NUMBER *SEE NOTE 1
4761*

MATERIAL NOTED

REVISION LEVEL A

PROJECTION

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