



NOTES:

1. LEAK TEST: 80 PSI, 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 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE POSITIONING IS APPROXIMATE & VARIABLE, WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
6. MINIMUM QUANTITY 44 EACH OF ITEMS 3 AND 4 ARE REQUIRED (44 TWISTED PAIRS MINIMUM).
7. ITEMS 3 AND 4 ARE TWISTED INTO PAIRS ON BOTH SIDES, 1 TO 3 TWISTS PER INCH.
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. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C.
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.
12. TWISTED PAIRS WILL BE MARKED WITH A UNIQUE NUMBER (1-46, MINIMUM OF 1-44), USING THE SAME NUMBER ON BOTH ENDS OF THE SAME TWISTED PAIR.

7	92	-	SEE NOTE 12	BRADY WIRE MARKERS NUMBERED 1-46
6	1	1014		NUT VS18-SS
5	1	-219	VITON	O-RING -219 VITON 75
4	*SEE NOTE 6 46*	TZ26	WHITE	WIRE 26 TEFZEL M22759/32 19/#38
3	*SEE NOTE 6 46*	TZ26	BLACK	WIRE 26 TEFZEL M22759/32 19/#38
2	A/R	PAVE-Seal 150		EPOXY BLACK
1	1	0660		HOUSING VS18-SS
ITEM	QTY	PART NUMBER		DESCRIPTION

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DESCRIPTION
VS18-SS-150-46TP-TZ26-18-18

PART NUMBER
5407

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