



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 43 EACH OF ITEMS 3 AND 4 ARE REQUIRED (43 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: Ø.035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø.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 (1-45, MINIMUM OF 1-43), USING THE SAME NUMBER ON BOTH ENDS OF THE SAME TWISTED PAIR.

ITEM	QTY	PART NUMBER	DESCRIPTION
7	90	- SEE NOTE 12	BRADY WIRE MARKERS NUMBERED 1-45
6	1	0199	NUT VS22-SS
5	1	-224 VITON	O-RING -224 VITON 75
4	*SEE NOTE 6 45*	TZ22 WHITE /16	WIRE 22 TEFZEL M22759/16 19/#34
3	*SEE NOTE 6 45*	TZ22 BLACK /16	WIRE 22 TEFZEL M22759/16 19/#34
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0189/304SS	HOUSING VS22-SS

PAVE technology co.

2751 Thunderhawk Court
Dayton, OH 45414-3445
U.S.A.
tel (937) 890-1100
fax (937) 8905165
www.pavetechnologyco.com

DESCRIPTION
VS22-SS-150-45TP-TZ22-18-18

PART NUMBER
5409

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