



- NOTES:
- HE LEAK TEST @ 1 ATM. 1×10^{-6} CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
 - HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
 - ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
 - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 - ALL PARTS MUST PASS ALL TESTS.
 - WIRE POSITIONING IS APPROXIMATE & COLOR POSITIONS ARE VARIABLE.
 - WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
 - 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 RANGE -20°C TO 125°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.

13	1	0199	NUT VS22-SS
12	1	-224 VITON	O-RING -224 VITON 75
11	1	EE14 YELLOW	WIRE 14EE MIL-W-16878/5 19/#27 .017
10	2	EE14 WHITE	WIRE 14EE MIL-W-16878/5 19/#27 .017
9	2	EE14 RED	WIRE 14EE MIL-W-16878/5 19/#27 .017
8	2	EE14 GRN/YEL	WIRE 14EE MIL-W-16878/5 19/#27 .017
7	1	EE14 BLACK	WIRE 14EE MIL-W-16878/5 19/#27 .017
6	2	EE10 RED	WIRE 10EE MIL-W-16878/5 .017 37/#26
5	1	EE10 GREEN	WIRE 10EE MIL-W-16878/5 .017 37/#26
4	1	EE10 BLUE	WIRE 10EE MIL-W-16878/5 .017 37/#26
3	2	EE10 BLACK	WIRE 10EE MIL-W-16878/5 .017 37/#26
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0189/304SS	HOUSING VS22-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
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 www.pavetechnologyco.com

DESCRIPTION
 VS22-SS-150-6/8-TEE10/14-72-72

PART NUMBER
2276

MATERIAL NOTED

REVISION LEVEL
 B

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