



.06 [1.5] MAXIMUM OVER/UNDERFILL, NOT INCLUDING MENISCUS ON WIRES, SPACING CONTROL NOT REQUIRED BOTH SIDES

\*SEE NOTE 5

(1 5/8-12 UNF-2A)

"X" MINIMUM

VS22 INSTALLATION PORT

PAVE #	"X"
2130	24 [610]
2130-1	36 [914]

**WIRE COLOR CHART**

2	E20 YELLOW	5	E24 WHITE
2	E20 WHITE	5	E24 RED
2	E20 VIOLET	5	E24 PURPLE
2	E20 RED	5	E24 ORANGE
2	E20 ORG	5	E24 GREEN
3	E20 GREEN	5	E24 GRAY
3	E20 GRAY	5	E24 BROWN
3	E20 BROWN	5	E24 BLUE
3	E20 BLACK	5	E24 BLACK
3	E20 BLUE	5	E24 YELLOW
<b>QTY</b>	<b>ITEM 3 PART NUMBER</b>	<b>QTY</b>	<b>ITEM 4 PART NUMBER</b>

**NOTES:**

1. HE LEAK TEST @ 1ATM. 1x10<sup>-7</sup> CC/S OR LESS. 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 AND HOUSING.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. WIRE COLOR POSITIONING IS RANDOM & VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .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
7. REF-OPERATING TEMPERATURE -59°C TO 121°C.
8. DIMENSIONS ARE INCHES [millimeters].
9. 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.
10. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.

6	1	0199	NUT VS22-SS
5	1	-224 TEFLON	O-RING -224 TEFLON
4	50	E24 *PER CHART*	WIRE 24E MIL-W-16878 .010 7/#32
3	25	E20 *PER CHART*	WIRE 20E MIL-W-16878 .010 7/#28
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0189/304SS	HOUSING VS22-SS
<b>ITEM</b>	<b>QTY</b>	<b>PART NUMBER</b>	<b>DESCRIPTION</b>

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**PAVE technology co.**

DESCRIPTION  
VS22-SS-150-25/50-TE20/24-X-X

PART NUMBER  
**2130\***

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