



- NOTES:
- LEAK TEST AS FOLLOWS, A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE SPECIFIED TEST.
1785 ONLY: 80 PSI, NO BUBBLES 2 MINUTES MINIMUM.
1785-1 ONLY: HE LEAK TEST @ 1 ATM. 1X10⁻⁸ CC/SEC OR LESS. .
 - 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.
 - 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:
≤ .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
 - MINIMUM WIRE QUANTITY 90 REQUIRED, 95 WIRES MAXIMUM.
 - ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
 - 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.

PAVE#	X	Y
1785	24 [610]	24 [610]
1785-1	120 [3048]	120 [3048]

ITEM	QTY	PART NUMBER	DESCRIPTION
10	A/R	PAVE-Seal 150	EPOXY BLACK
9	10	E28 ORANGE	WIRE 18EE MIL-W-16878/5 .015 7/#26
8	17	E28 GREEN	WIRE 18EE MIL-W-16878/5 .015 7/#26
7	17	E28 GRAY	WIRE 18EE MIL-W-16878/5 .015 7/#26
6	17	E28 BROWN	WIRE 18EE MIL-W-16878/5 .015 7/#26
5	17	E28 BLACK	WIRE 18EE MIL-W-16878/5 .015 7/#26
4	17	E28 BLUE	WIRE 28E MIL-W-16878/4 .010 7/#36
3	1	-226 VITON	O-RING -226 VITON 75
2	1	0185	NUT VS26-SS
1	1	1531	HOUSING VS26-SS

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DESCRIPTION
VS26-SS-150-95-TE28-X-Y

PART NUMBER *SEE TABLE & NOTE 1
1785

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