



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. 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 TAB TO TAB.
3. CHECK MATEABILITY TO 3 PRONG POLARIZED & GROUNDED POWER CORD PLUG ON FLANGE SIDE. CHECK MATEABILITY WITH AMP FASTON 250 SERIES (TAB) RECEPTACLE ON THREAD SIDE. REFERENCE: B=BLACK, W=WHITE, GR=GROUND
4. CONTINUITY CHECK <0.1 OHM MATING PLUG TO TAB.
5. REF-MAXIMUM TORQUE 5 FT-LBS WITH LUBRICATED THREADS.
6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
7. ALL PARTS MUST PASS ALL TESTS.
8. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
9. 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
10. REF-OPERATING TEMPERATURE RANGE -20 °C TO 70 °C.
11. DIMENSIONS ARE INCHES [millimeters].

6	1	0199	NUT VS22-SS
5	1	-228 BUNA	O-RING -228 BUNA 70
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	3	8-32UNCX.31LG	SCREW #8-32X .31LG TRUSS HD BRASS
2	3	2060	TAB .25 WIDE X .032 THK BRASS
1	1	GE# 4243-1	RECEPTACLE 3 PRONG 125V 15A
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
 VS22-E-150-3-15A

PART NUMBER
0267

MATERIAL NOTED

REVISION LEVEL
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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