



NOTES:

1. a.) HE LEAK TEST @ 1 ATM. 1×10^{-8} CC/SEC OR LESS.
b.) LEAK TEST: 750 PSI, NO N₂ BUBBLES 30 MINUTES MINIMUM.
GREEN PAINT DOTS INDICATE THE PART HAS PASSED BOTH TESTS.
2. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
3. HYPOT 23 kVDC, 1 mA MAXIMUM LEAKAGE ROD TO HOUSING, 10 SECONDS MINIMUM.
4. THERMAL CYCLE -40°C TO 150°C, 3 CYCLES 1 HOUR HOLD AT TEMPERATURE PRIOR TO TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. 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: $\phi .063$ [1.6] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -40°C TO 150°C.
9. DIMENSIONS ARE INCHES [millimeters].
10. 1" THREADED STUDS ARE DESIGNED FOR NUTS TO SECURE A RING TERMINAL OR HOMAC#KLSC-5-4NN "PADDLE STYLE" TERMINALS.

5	1	0102	NUT VS32-SS
4	A/R	PAVE-Seal 200HV	EPOXY BLUE
3	1	-231 VITON LT	O-RING -231 VITON LOW-TEMP 75
2	1	3308	ROD 1.50 THRU 1-14 UNS COPPER
1	1	3317	HOUSING VS32-SS
ITEM	QTY	PART NUMBER	DESCRIPTION


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DESCRIPTION
 VS32-SS-200HV-1-1.5CU-8-8.8

PART NUMBER	MATERIAL	NOTED
3296	D	
REVISION LEVEL	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