



NOTES:

1. HE LEAK TEST VACUUM  $10 \times 10^{-8}$  CC/S OR LESS.
2. 1649-2 ONLY: LEAK TEST 1000 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM.
3. HYPOT 630 VDC 500 MΩ 0.01 SEC MINIMUM, WIRE TO WIRE & HOUSING.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. VOIDS LARGER THAN  $\phi.035$  [.89] ARE NOT ACCEPTABLE.
8. WIRE POSITIONS ARE APPROXIMATE & COLOR POSITIONS MAY VARY.
9. DIMENSIONS ARE IN INCHES [MILIMETERS].
10. 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.

1649-4	48 [1219.2]	236.2 [6000]	VS15L-SS-150-12-TEE20-48-236
1649-3	393.7 [10000]	393.7 [10000]	VS15L-SS-150-12-TEE20-10-10m
1649-2	48 [1219.2]	48 [1219.2]	VS15L-SS-150-12-TEE20-48-48
1649-1	196.85 [5000]	196.85 [5000]	VS15L-SS-150-12-TEE20-5-5m
1649	48 [1219.2]	48 [1219.2]	VS15L-SS-150-12-TEE20-48-48
PART#	"X"	"Y"	DESCRIPTION

8	3	EE20 MIL YLW 19	WIRE 20EE MIL-W-16878/5 19 STR
7	3	EE20 MIL BLU 19	WIRE 20EE MIL-W-16878/5 19
6	3	EE20 MIL RED 19	WIRE 20EE MIL-W-16878/5 19
5	3	EE20 MIL BLK 19	WIRE 20EE MIL-W-16878/5 19
4	A/R	PAVE-Seal 150	EPOXY BLACK
3	1	0183	NUT VS15-SS
2	1	-215 VITON	O-RING -215 VITON 75
1	1	0161	HOUSING VS15L-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5  
 .X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005  
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS

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DESCRIPTION PAVE-Seal@ Cable Harnesses  
 SEE CHART

PART NUMBER 1649

REVISION LEVEL E

PROJECTION