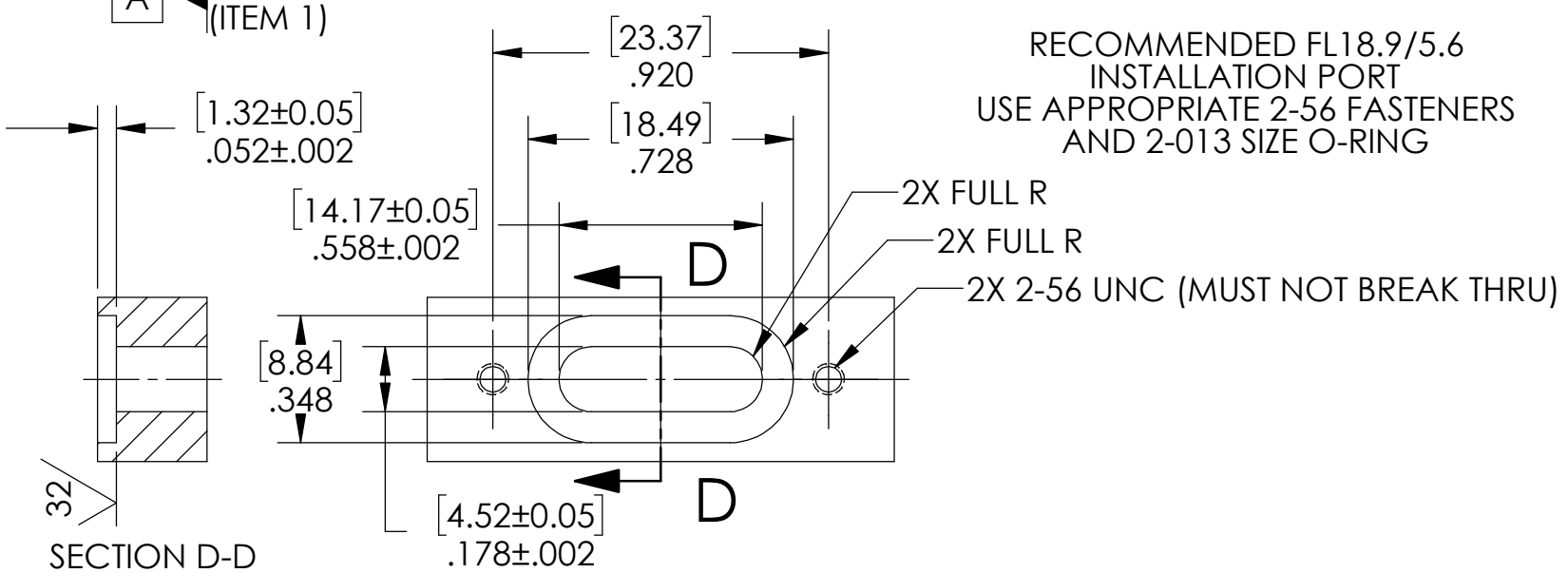


- NOTES:
1. HE LEAK TEST @ 1 ATM. 1×10^{-7} CC/SEC OR LESS. PART IS TESTED WITH A 2-013 O-RING (NOT INCLUDED) SEATED WHERE SHOWN, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
 2. HYPOT 5000 VDC, $5 \mu A$ MAXIMUM LEAKAGE WIRE TO WIRE AND HOUSING.
 3. CONTINUITY CHECK $< 14 m\Omega$ PIN TO WIRE END.
 4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
 5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
 6. ALL PARTS MUST PASS ALL TESTS.
 7. WIRES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
 8. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
 9. REF-OPERATING TEMPERATURE $-20^\circ C$ TO $125^\circ C$.
 10. DIMENSIONS ARE INCHES [millimeters].
 11. 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.

RECOMMENDED FL18.9/5.6
 INSTALLATION PORT
 USE APPROPRIATE 2-56 FASTENERS
 AND 2-013 SIZE O-RING



4	2	178-8072	CABLE .025 19STR HIGH VOLTAGE
3	2	1402-3	PIN MICRO .040" SWAGE MOUNT GOLD PLATED BRASS
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5018	HOUSING ALUMINUM FL18.9/5.6 6061-T6
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.
 2751 Thunderhawk Court
 Dayton, OH 45414-3445
 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
 FL18.9/5.6-AL-150-2-TE24-PIN-6

PART NUMBER
5006

MATERIAL
 NOTED

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