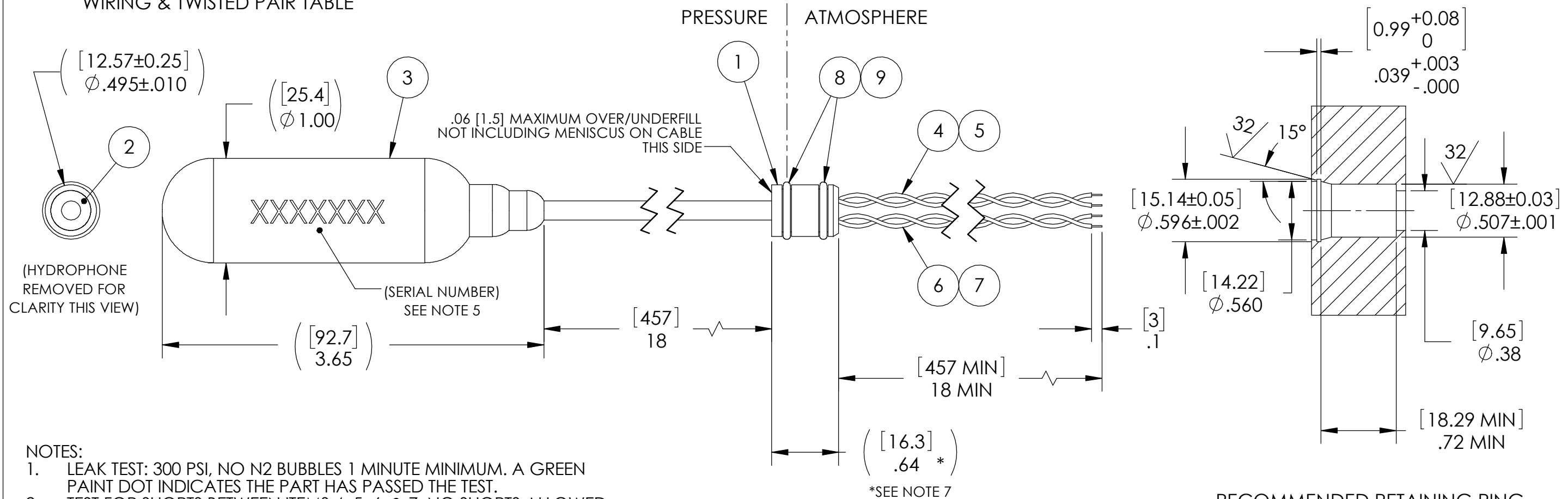


ITEM 3 CONDUCTOR	LEAD COLOR	PAIRS
DRAIN	BLACK	PAIR 1
RED	RED	PAIR 1
BLUE	BLK/RED	PAIR 2
GREEN	BLK/WHT	PAIR 2

WIRING & TWISTED PAIR TABLE



NOTES:

- LEAK TEST: 300 PSI, NO N2 BUBBLES 1 MINUTE MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- TEST FOR SHORTS BETWEEN ITEMS 4, 5, 6, & 7, NO SHORTS ALLOWED.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- FINISHED ASSEMBLIES WILL BE INDIVIDUALLY BAGGED IN AN ESD BAG WITH THE SERIAL NUMBER FROM ITEM 3 AFFIXED TO THE OUTSIDE.
- 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
- DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
- REF- SEAL OPERATING TEMPERATURE RANGE -55°C TO 120°C.
- REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
- 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.
- WIRES WILL BE TWISTED INTO PAIRS ON THE ATMOSPHERE SIDE, PER TABLE, APPROXIMATELY 2 TWISTS PER INCH.

9	A/R	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
8	2	-012 E0740-75	ORING -012 EPDM E0740-75
7	1	HYT28 BLK/WHT	WIRE 28 HYTREL .007 7/#36 BLACK WITH WHITE STRIPE
6	1	HYT28 BLK/RED	WIRE 28 HYTREL .007 7/#36 BLACK WITH RED STRIPE
5	1	HYT28 RED	WIRE 28 HYTREL .007 7/#36 RED
4	1	HYT28 BLACK	WIRE 28 HYTREL .007 7/#36 BLACK
3	1	P-23109-01	HYDROPHONE HTI-99-HF PU ENCAPSULATED DIFFERENTIAL/LOW NOISE AMP SSQ SHIELDED CABLE
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226M	HOUSING SP8M-E
ITEM	QTY	PART NUMBER	DESCRIPTION

RECOMMENDED RETAINING RING
TRUARC N5000-56 OR EQUAL

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

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 U.S.A.
 tel (937) 890-1100
 fax (937) 8905165
 www.pavetechnologyco.com

DESCRIPTION
SP8M-E-150-1/4-HTI99HF/HYT28-18T-18

PART NUMBER
5531

MATERIAL NOTED

REVISION LEVEL -

PROJECTION