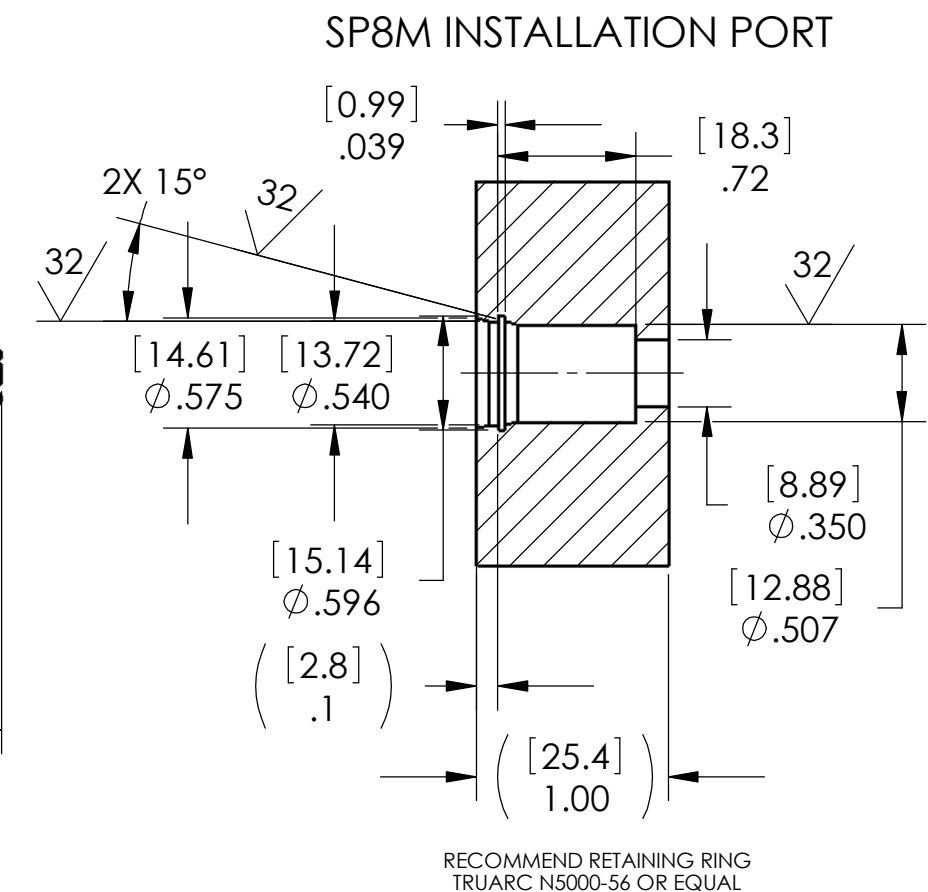
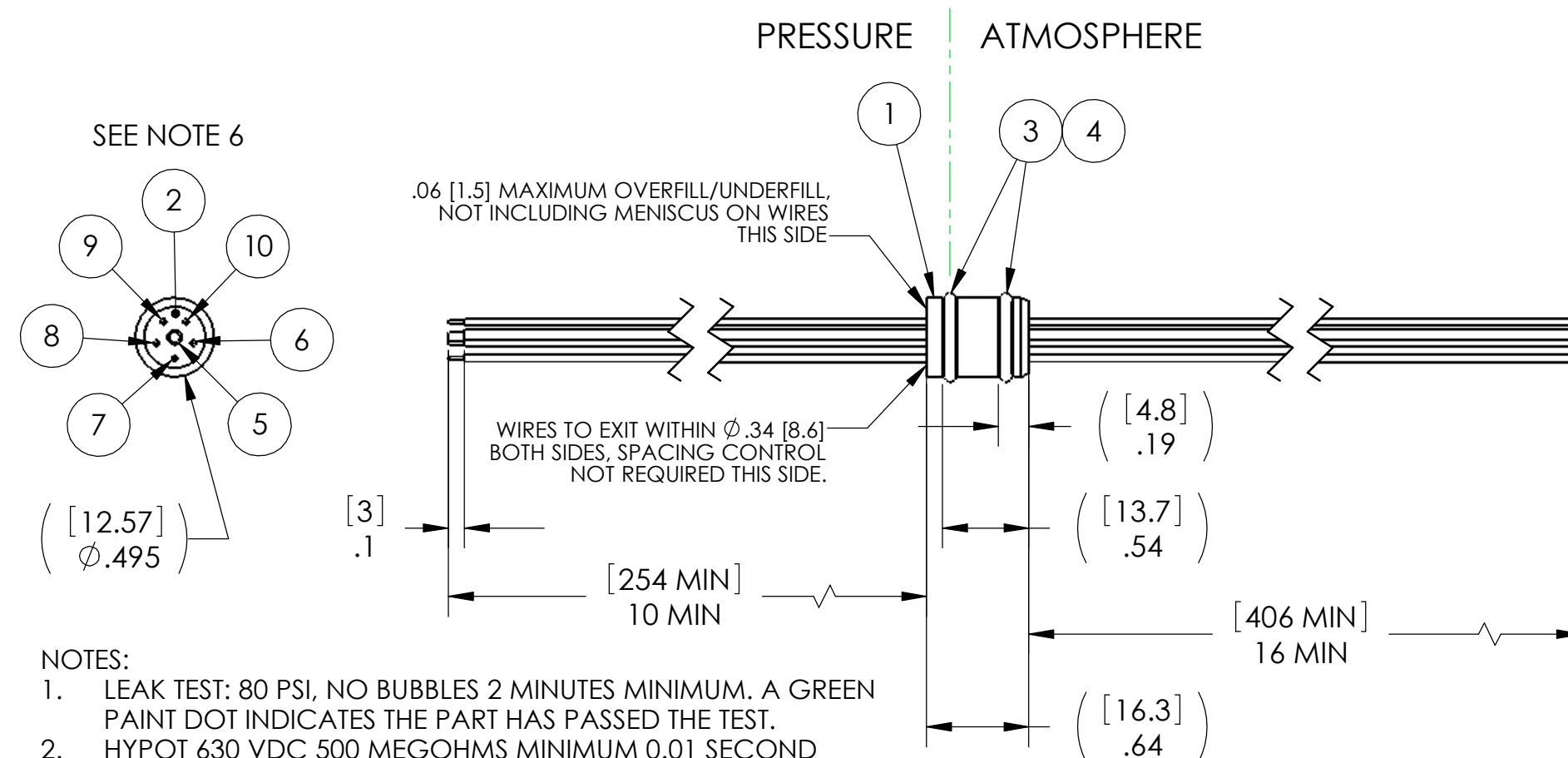




NOTES:

1. LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES MINIMUM. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. 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: $\phi .060$ [1.5] MAX ALLOWED VOID SIZE
6. WIRE COLOR POSITIONS ARE APPROXIMATE & VARIABLE.
7. REF-OPERATING TEMPERATURE -55°C TO 125°C.
8. 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.
9. DIMENSIONS ARE INCHES [millimeters].
10. THESE PARTS ARE CLEANED IN A DEGREASER SOLVENT VAPOR THEN PACKAGED IN A LAMINAR FLOW HOOD PROVIDING AN ISO CLASS 5 (CLASS 100) ENVIRONMENT IN THE WORK AREA.
11. MICROSCOPE INSPECTION FOR "FOD" AFTER CLEANING.
12. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
13. ASSEMBLY TO BE DONE IN ACCORDANCE WITH IPC/WHMA-A-620 CLASS III, HOTSTAMP MARKING IS PROSCRIBED.

10	1	E28 VIOLET	WIRE 28E MIL-W-16878/4 .010 7/#36
9	1	E28 RED	WIRE 28E MIL-W-16878/4 .010 7/#36
8	1	E28 BLACK	WIRE 28E MIL-W-16878/4 .010 7/#36
7	1	E28 BROWN	WIRE 28E MIL-W-16878/4 .010 7/#36
6	1	E28 BLUE	WIRE 28E MIL-W-16878/4 .010 7/#36
5	1	E14 BLACK	WIRE 14E MIL-W-16878/4 .012 19/#27
4	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM BASED
3	2	-012 FLUROSILIC	O-RING -012 FLUROSILICONE 70
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	1226M	HOUSING SP8M-E
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
SP8M-E-150-1/5-TE14/28-10-16

PART NUMBER
4180

MATERIAL NOTED

REVISION LEVEL
E

PROJECTION

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