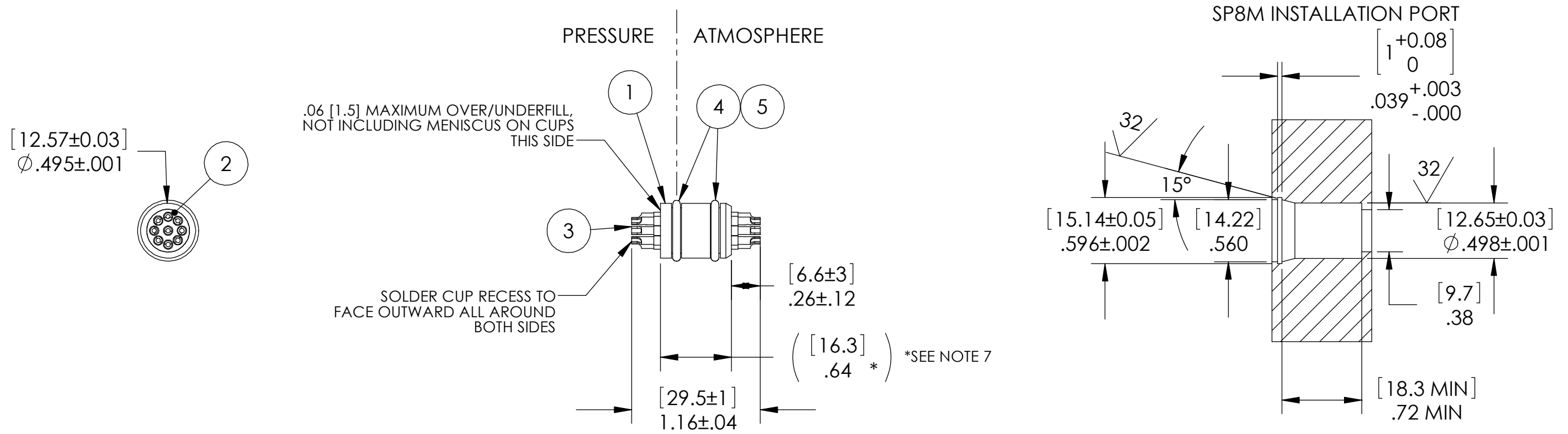
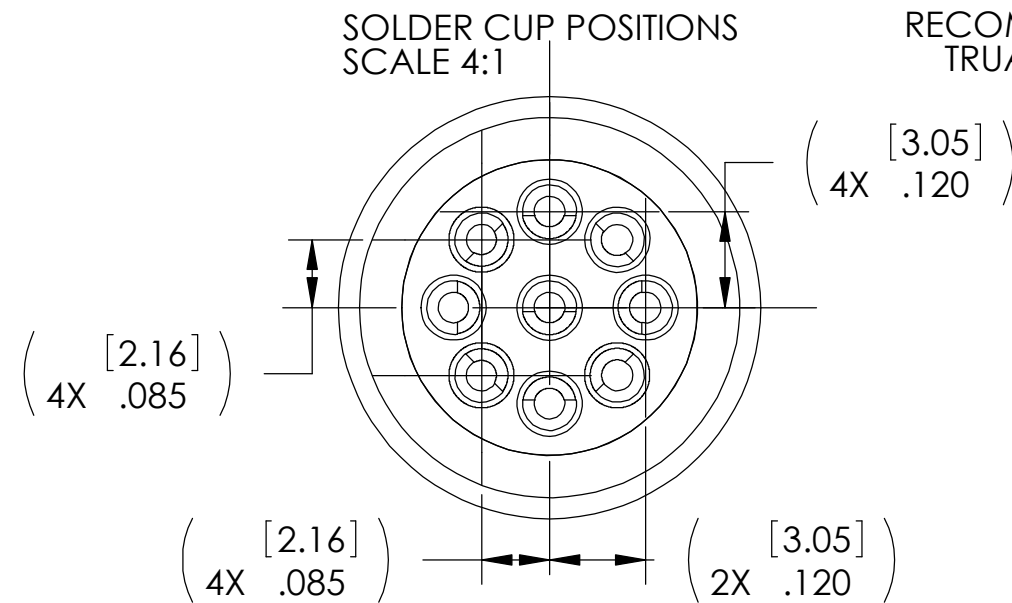


PAVE#	PAVE DESCRIPTION	ITEM 2	ITEM 2 DESCRIPTION	TEMPERATURE
4538	SP8M-E-150-9-20-SC-SC	PAVE-Seal 150	EPOXY BLACK	-40°C TO 125°C
4538-1	SP8M-E-200-9-20-SC-SC	PAVE-Seal 200	EPOXY BLACK HIGH-TEMP	-40°C TO 176°C



NOTES:

- LEAK TEST: 1000 PSI, NO BUBBLES 10 SECONDS MINIMUM. A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CUP TO CUP.
- CONTINUITY TEST SOLDER CUPS END TO END <0.5Ω.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- 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-OPERATING TEMPERATURE RANGE SEE TABLE.
- REF-PARTS ARE DEFLASHED ON PARTING LINE +.005 [.13] MAX.
- 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.
- DIMENSIONS ARE INCHES [millimeters].
- 4538-1 ONLY: PRIOR TO TESTING PARTS WILL BE THERMAL CYCLED -40°C TO 176°C, 3 CYCLES @ 1 HOUR HOLD.



ITEM	QTY	PART NUMBER	DESCRIPTION
5	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
4	2	-012 VITON LT	O-RING -012 LOW-TEMP VITON V835-75
3	18	AMP #66569	CONTACT SOLDER CUP #20 Sn/Ni PLATED BRONZE
2	A/R	SEE TABLE	SEE TABLE
1	1	1226M	HOUSING SP8M-E

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DESCRIPTION
SEE TABLE

PART NUMBER *SEE TABLE MATERIAL NOTED
4538*

REVISION LEVEL C 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