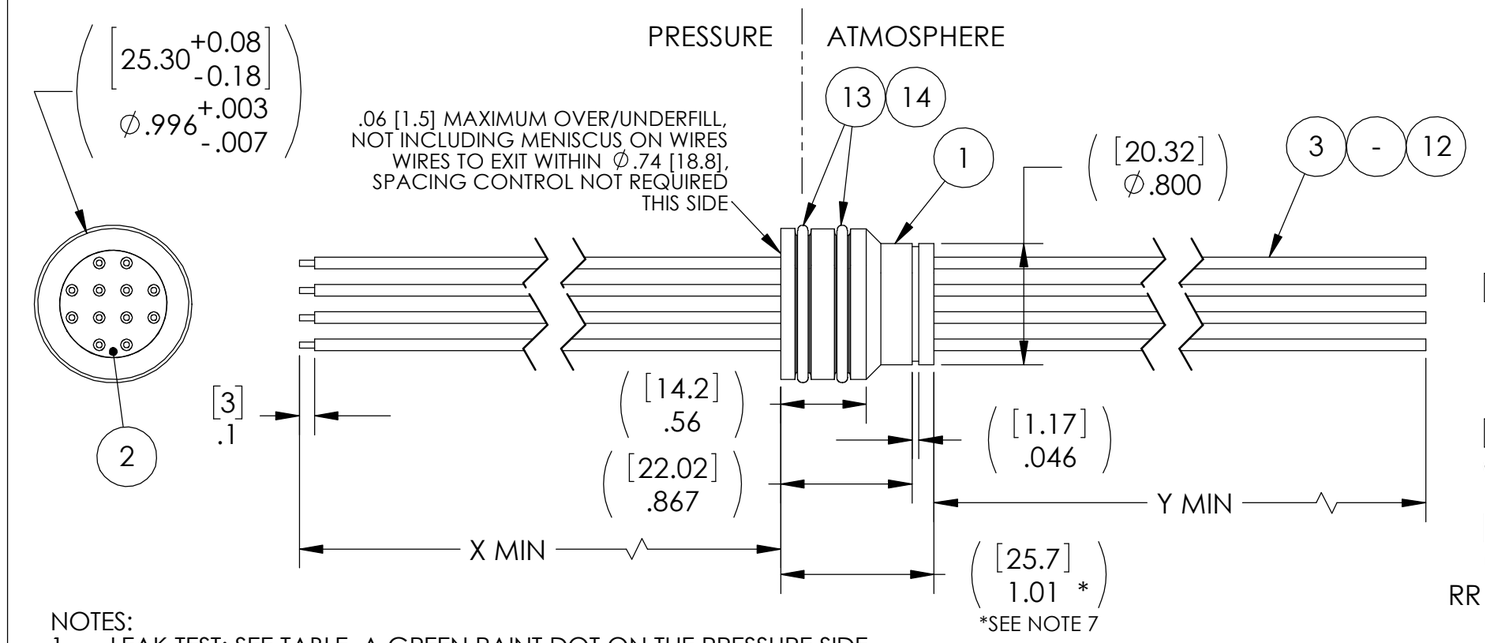
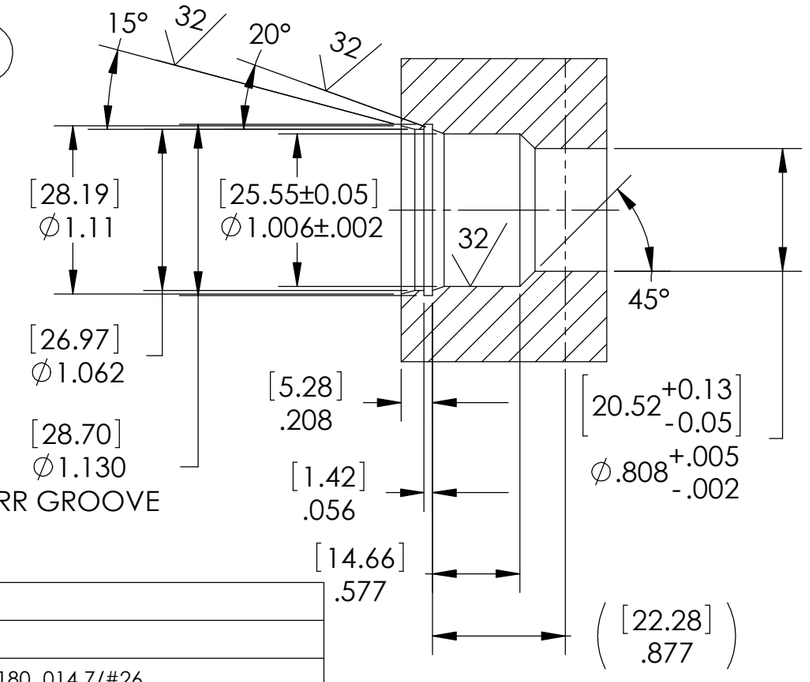
PAVE#	X	Y	LEAK TEST	ITEM 13	ITEM 13 DESCRIPTION	TEMPERATURE	ITEM 14	ITEM 14 DESCRIPTION
2189	24 [610]	24 [610]	80 PSI, NO BUBBLES 2 MINUTES MINIMUM	-020 BUNA	O-RING -020 BUNA 75	-34°C TO 121°C	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
2189-1	48 [1220]	24 [610]	750 PSI W/HELIUM, NO BUBBLES 3 MINUTES MINIMUM	-020 BUTYL	O-RING -020 BUTYL 70	-59°C TO 120°C	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
2189-2	6 [153]	12 [305]	80 PSI, NO BUBBLES 2 MINUTES MINIMUM	-020 VITON	O-RING -020 VITON 75	-20°C TO 125°C	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
2189-3	24 [610]	48 [1220]	1000 PSI, NO BUBBLES 30 SECONDS MINIMUM	-020 VITON	O-RING -020 VITON 75	-20°C TO 125°C	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
2189-4	18 [457]	144 [3658]	250 PSI, NO BUBBLES 2.5 MINUTES MINIMUM	-020 BUTYL	O-RING -020 BUTYL 70	-59°C TO 120°C	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
2189-5	3 [76.2]	8 [203.2]	80 PSI, NO BUBBLES 30 SECONDS MINIMUM	-020 BUNA	O-RING -020 BUNA 75	-34°C TO 121°C	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
2189-6	3 [76.2]	8 [203.2]	450 PSI, NO BUBBLES 30 SECONDS MINIMUM	-020 SILICONE	ORING -020 PER AS568A SHORE A 70	-115°C TO 125°C	SUPER O-LUBE	LUBRICANT O-RING SILICONE-BASED
2189-7	24 [610]	48 [1220]	HE LEAK TEST @ 1500 PSI, 1X10^-4 CC/SEC OR LESS	-020 VITON	O-RING -020 VITON 75	-20°C TO 125°C	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE





NOTES:
1. LEAK TEST: SEE TABLE. A GREEN PAINT DOT ON THE PRESSURE SIDE 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. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
6. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
   <= .5 [12.7] SEAL DIAMETER: Ø.035 [.89] MAX ALLOWED VOID SIZE
   > .5 [12.7] SEAL DIAMETER: Ø.060 [1.5] MAX ALLOWED VOID SIZE
7. DIMENSION IS OVER-ALL-LENGTH EXCLUDING OVERFILL ON PRESSURE SIDE OF HOUSING.
8. REF-OPERATING TEMPERATURE RANGE SEE TABLE.
9. REF-PARTS ARE DEFLASHED ON PARTING LINE +0.005 [0.13] MAXIMUM.
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.

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

ITEM	QTY	PART NUMBER	DESCRIPTION
14	A/R	SEE TABLE	SEE TABLE
13	2	SEE TABLE	SEE TABLE
12	1	EE18 UL1180 YEL	WIRE 18EE UL1180 .014 7/#26
11	1	EE18 UL1180 GN/Y	WIRE 18EE UL1180 .014 7/#26
10	2	EE18 UL1180 VIO	WIRE 18EE UL1180 .014 7/#26
9	2	EE18 UL1180 RED	WIRE 18EE UL1180 .014 7/#26
8	1	EE18 UL1180 ORG	WIRE 18EE UL1180 .014 7/#26
7	1	EE18 UL1180 GRY	WIRE 18EE UL1180 .014 7/#26
6	1	EE18 UL1180 GRN	WIRE 18EE UL1180 .014 7/#26
5	1	EE18 UL1180 BR	WIRE 18EE UL1180 .014 7/#26
4	1	EE18 UL1180 BLU	WIRE 18EE UL1180 .014 7/#26
3	1	EE18 UL1180 BLK	WIRE 18EE UL1180 .014 7/#26
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	0913	HOUSING SP16-E

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fax (937) 8905165
www.pavetechnologyco.com

DESCRIPTION
SP16-E-150-12-TEE18-X-Y

PART NUMBER *SEE TABLE
2189*

MATERIAL NOTED

REVISION LEVEL Q

PROJECTION