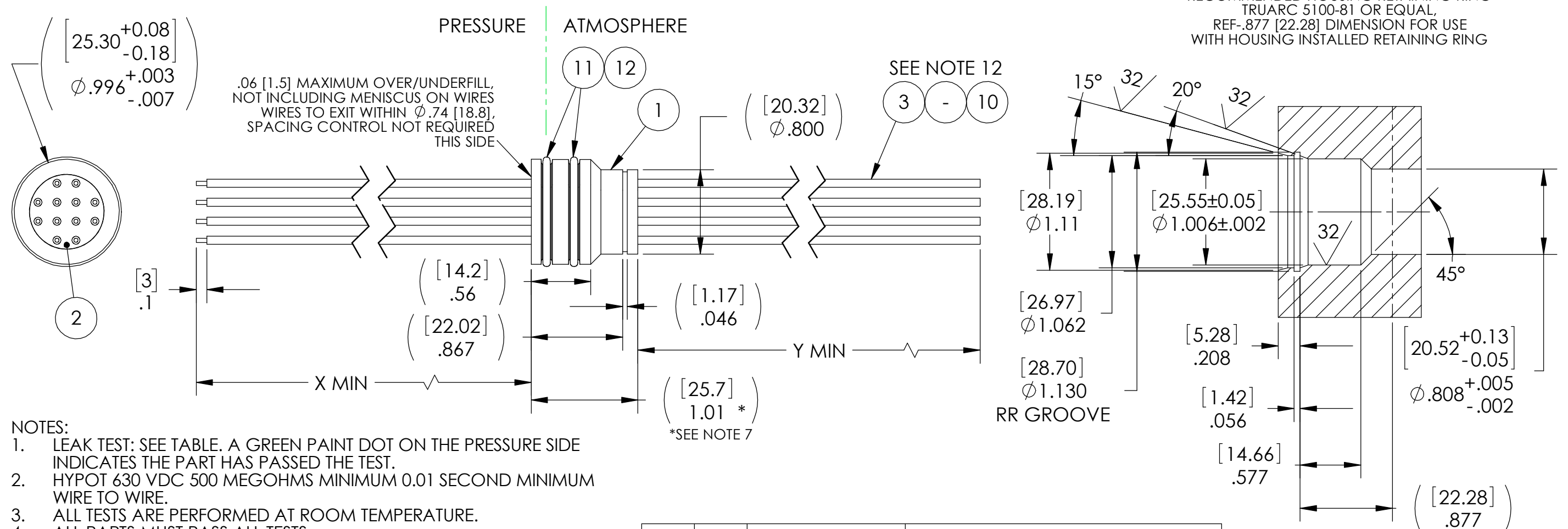


PAVE#	X	Y	LEAK TEST	ITEM 11	ITEM 11 DESCRIPTION	TEMPERATURE	ITEM 12	ITEM 12 DESCRIPTION
2189	24 [610]	24 [610]	80 PSI, NO BUBBLES 2 MINUTES MINIMUM	-020 BUNA	O-RING -020 BUNA 75	-34 °C TO 121 °C	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
2189-1	48 [1220]	24 [610]	750 PSI W/HELIUM, NO BUBBLES 3 MINUTES 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]	1500 PSI, NO N2 BUBBLES 30 SECONDS MINIMUM	-020 VITON	O-RING -020 VITON 75	-20 °C TO 125 °C	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED

SP16 INSTALLATION PORT  
 RECOMMENDED PORT RETAINING RING  
 TRUARC N5000-106 OR EQUAL  
 RECOMMENDED HOUSING RETAINING RING  
 TRUARC 5100-81 OR EQUAL,  
 REF-.877 [22.28] DIMENSION FOR USE  
 WITH HOUSING INSTALLED RETAINING RING



- NOTES:
- LEAK TEST: SEE TABLE. A GREEN PAINT DOT ON THE PRESSURE SIDE INDICATES THE PART HAS PASSED THE TEST.
  - HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE.
  - ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
  - ALL PARTS MUST PASS ALL TESTS.
  - WIRE POSITIONING IS APPROXIMATE & VARIABLE.
  - COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:  
 <= .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
  - 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 +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.
  - ACTUAL WIRE COLORS MAY VARY DEPENDING ON AVAILABILITY.

12	A/R	SEE TABLE	SEE TABLE
11	2	SEE TABLE	SEE TABLE
10	1	EE18 UL1180 YEL	WIRE 18EE UL1180 .014 7/#26
9	2	EE18 UL1180 VIO	WIRE 18EE UL1180 .014 7/#26
8	2	EE18 UL1180 RED	WIRE 18EE UL1180 .014 7/#26
7	1	EE18 UL1180 ORG	WIRE 18EE UL1180 .014 7/#26
6	2	EE18 UL1180 GRY	WIRE 18EE UL1180 .014 7/#26
5	2	EE18 UL1180 GRN	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
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  
 SP16-E-150-12-TEE18-X-Y

PART NUMBER \*SEE TABLE MATERIAL NOTED  
**2189**

REVISION LEVEL T PROJECTION

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