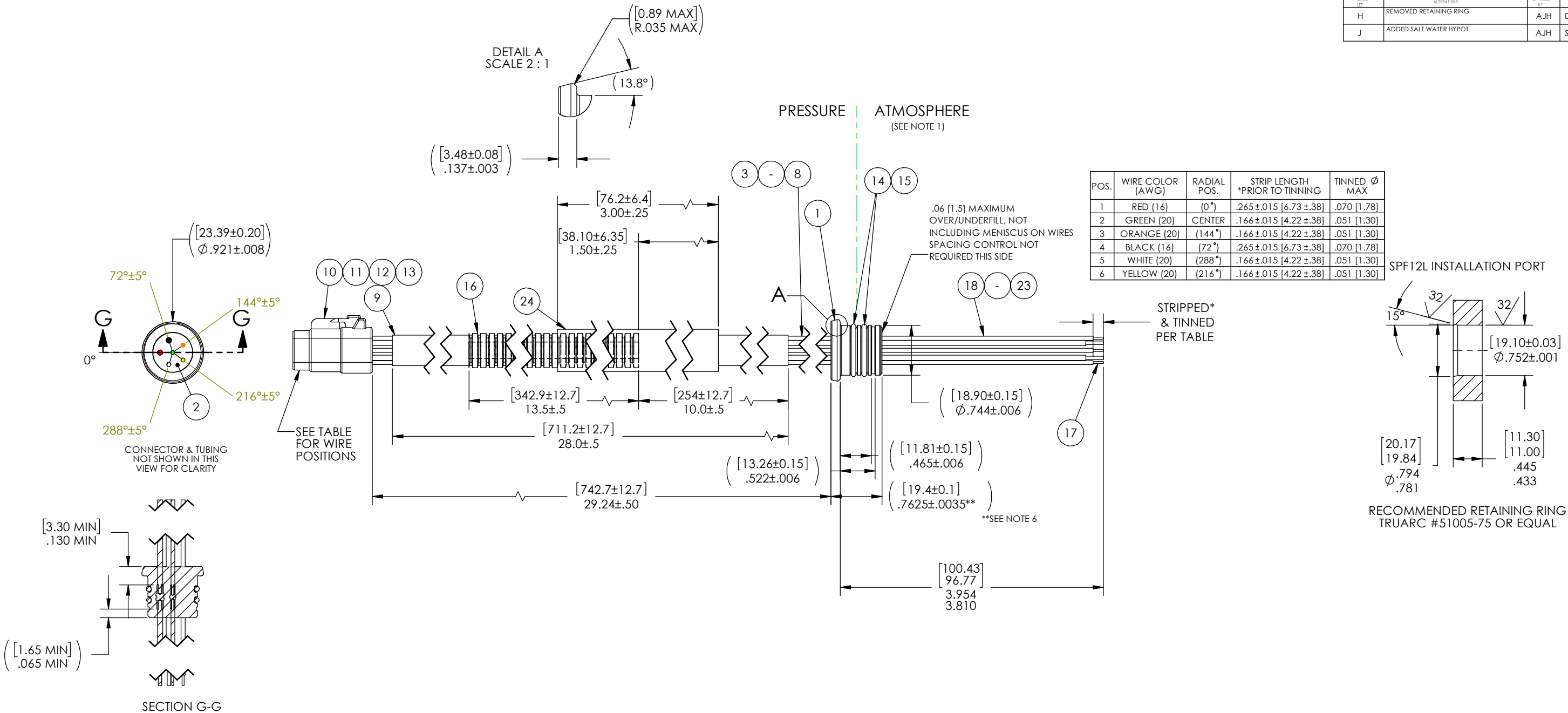


ISSUE NO.	ALTERATIONS	CHANGED BY	DATE
H	REMOVED RETAINING RING	AJH	DEC19
J	ADDED SALT WATER HYPOT	AJH	SEP21



- NOTES:
- LEAK TEST: 80 PSI, NO BUBBLES 2 MINUTES MINIMUM. PARTS ARE TESTED WITH PRESSURE ON ATMOSPHERE SIDE. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
 - HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE & SALT WATER, WITH ITEM 1 (HOUSING) COMPLETELY SUBMERGED IN THE SALT WATER.
 - 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 ATMOSPHERE SIDE OF HOUSING.
 - REF-OPERATING TEMPERATURE RANGE -40°C TO 105°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.
 - PART IS RoHS COMPLIANT.

24	1	5/8 HS POLYO 3"	TUBING SHRINK 5/8" POLYOLEFIN 2:1 UL224 VW-1 3" LONG
23	1	TZ20 YELLOW	WIRE 20 TEFZEL M22759/16 19/#32
22	1	TZ20 WHT M/16	WIRE 20 TEFZEL M22759/16 19/#32
21	1	TZ20 ORANGE	WIRE 20 TEFZEL M22759/16 19/#32
20	1	TZ20 GRN M/16	WIRE 20 TEFZEL M22759/16 19/#32
19	1	TZ16 RD	WIRE 16 TEFZEL MIL-W-22759/16 19/#29
18	1	TZ16 BK	WIRE 16 TEFZEL MIL-W-22759/16 19/#29
17	A/R	SAC305	SOLDER SAC305 FAST CORE
16	1	038VPBS 13.5"	TUBING 3/8 ID CONVOLUTED POLYPROPYLENE V2 BLACK
15	A/R	PARKER O-LUBE	LUBRICANT O-RING BARIUM-BASED
14	2	-016 N1470-70	O-RING -016 PARKER N1470-70
13	1	WM-6S	WEDGE LOCK DEUTSCH
12	4	1062-20-0222	CONTACT #20 SOC DEUTSCH FOR 16-22AWG
11	2	1062-20-0622	CONTACT #20 SOC DEUTSCH FOR 14-16AWG
10	1	DTM06-6S	PLUG 6 PIN DEUTSCH
9	1	PVC-105-1-B 28"	TUBING .294 ID PVC UL224 MIL-631D BLK
8	1	TZ20 YEL 105STR	WIRE 20 TEFZEL 105 STRAND
7	1	TZ20 WHT 105STR	WIRE 20 TEFZEL 105 STRAND
6	1	TZ20 ORG 105STR	WIRE 20 TEFZEL 105 STRAND
5	1	TZ20 GRN 105STR	WIRE 20 TEFZEL 105 STRAND
4	1	TZ16 RED 65STR	WIRE 16 TEFZEL 65 STRAND
3	1	TZ16 BLK 65STR	WIRE 16 TEFZEL 65 STRAND
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5037	HOUSING SPF12LT-E
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE will meet the assembly and test specifications of the customer as documented on this assembly drawing. Any changes must be approved by PAVE.



DESCRIPTION	PAVE-Seal® Cable Harnesses		
MATERIAL	SPF12LT-E-150-2/4-TZ16/20-30T-3.25		
NOTED			
DR. BY	KHK	APPROVED BY	
OWN'D BY		DATE	25 JUL 17
PART NUMBER	5029	REVISION LEVEL	1
		PROJECTION	3