



PAVE#	X	Y	TEST DURATION (SECONDS)	RESISTANCE MAXIMUM (OHMS)
4912	120 [3,048]	24 [610]	45	0.5
4912-1	600 [15,240]	24 [610]	190	1.0
4912-2	120 [3,048]	60 [1524]	60	0.6

NOTES:

- LEAK TEST: ALL PARTS: 650 PSI, NO N2 BUBBLES (TIME PER TABLE) MINIMUM. A GREEN PAINT DOT INDICATES PART HAS PASSED THE TEST.  
4912-2(ONLY): HE LEAK TEST @1 ATM  $1 \times 10^{-6}$  cc/s OR LESS
- HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE TO SHIELD AND HOUSING.
- CONTINUITY TEST SHIELDS (RESISTANCE PER TABLE) END TO END.
- 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:  
 $\leq .5$  [12.7] SEAL DIAMETER:  $\phi .035$  [.89] MAX ALLOWED VOID SIZE  
 $> .5$  [12.7] SEAL DIAMETER:  $\phi .060$  [1.5] MAX ALLOWED VOID SIZE
- REF-OPERATING TEMPERATURE RANGE  $-196^{\circ}\text{C}$  TO  $125^{\circ}\text{C}$ .
- 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.
- 4912-2 (ONLY) TO BE SHIPPED MOUNTED TO ITEM 4 WITH TEFLON THREAD TAPE.

ITEM	QTY	PART NUMBER	DESCRIPTION
4	1*	4727	HOUSING NW40-SS PT12 ADAPTER
3	2	TEF 2/C #18 TSP	CABLE 2/C 18TE TWISTPAIR+SHIELD
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4939	HOUSING PTN12-SS

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DESCRIPTION  
PTN12-SS-150-2-TSP18-X-Y

PART NUMBER  
**4912**

MATERIAL NOTED

REVISION LEVEL  
C

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