



NOTES:

1. HE LEAK TEST @ 1ATM 1X10⁻⁶ CC/SEC OR LESS. REF-LEAK TEST IS PERFORMED USING A 2-321 O-RING. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
3. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING WITH MATING CONNECTORS.
4. CONTINUITY TEST <1.0 OHM END TO END WITH MATING CONNECTORS.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. WIRE POSITIONING IS APPROXIMATE & VARIABLE.
8. COSMETIC SURFACE VOIDS SMALLER THAN $\phi 0.035$ [0.89] ARE ACCEPTABLE.
9. REF-OPERATING TEMPERATURE -20 °C TO 85 °C.
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.

WIRE (TP=TWISTED PAIR)	CONNECTORS	WIRE	CONNECTORS
BLACK 28AWG (B&W TP)	POSITION 1	BOTH DRAIN WIRES	POSITION 6
WHITE 28AWG (B&W TP)	POSITION 2	ORANGE 28AWG	POSITION 8
BLACK 28AWG (B&R TP)	POSITION 3	GREEN 28AWG	POSITION 9
RED 28AWG (B&R TP)	POSITION 7	WHITE 28AWG	POSITION 10
BLACK 28AWG (B&G TP)	POSITION 4	RED 26AWG	POSITION 11
GREEN 28AWG (B&G TP)	POSITION 5	BLACK 26AWG	POSITION 12

PAVE#	X
4993	116 [2946.4]
4993-1	96 [2438.4]

ITEM	QTY	PART NUMBER	DESCRIPTION
7	12	HR30-SC-111	CONTACT SOCKET 26-30AWG CRIMP LOOSE
6	1	HR30-7P-12SC(71)	PLUG PUSH-PULL 12 POS SOC CRIMP TERMINATION
5	1	HR30-7R-C(71)	DUST CAP HR30-7 RECEPTACLE
4	1	WRC110	CABLE ALPHA 513886 26/28AWG SHIELDED COMPOSITE CABLE 26+28AWG 11 CONDUCTOR WITH SHIELDS
3	1	HR30-7R-12P(71)	RECEPTACLE PUSH-PULL 12 POS PIN SOLDER TERMINATION
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4591-1	HOUSING NW25L-AL

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

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DESCRIPTION
NW25L-AL-150-9/2-TE28/26-XT-HR30

PART NUMBER *SEE TABLE MATERIAL NOTED

4993* REVISION LEVEL A PROJECTION