



NOTES:

- HE LEAK TEST @ 1 ATM.  $1 \times 10^{-6}$  CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
- HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND RECEPTACLE SHELL/BACKSHELL WITH MATING CONNECTOR.
- CONTINUITY TEST < 0.5 Ohm SOCKETS TO WIRE ENDS WITH MATING CONNECTOR.
- POSITIONS "R", "g", "n", "q", "r", & "t" IN ITEM 1 ARE FILLED WITH EMPTY CONTACTS AND HAVE NO ELECTRICAL CONNECTION.
- ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
- ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
- ALL PARTS MUST PASS ALL TESTS.
- COSMETIC SURFACE VOIDS SMALLER THAN  $\phi 0.035$  [0.89] ARE ACCEPTABLE.
- REF-OPERATING TEMPERATURE RANGE  $-20^{\circ}\text{C}$  TO  $100^{\circ}\text{C}$ .
- 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.
- EACH ITEM 5 WILL BE LABELED WITH BRADY WIRE MARKERS PER TABLE, EITHER #1 OR #2, APPROXIMATELY WHERE SHOWN.

ITEM	COLOR	POS	ITEM	COLOR	POS	ITEM	COLOR	POS	ITEM	COLOR	POS
4	WHT	P	5 (1 OF 2)	GRN	Y	5 (2 OF 2)	GRN	L	6	BRN	W
4	BRN	N	5 (1 OF 2)	SHIELD	F	5 (2 OF 2)	YEL	c	6	GRN	A
4	YEL	e	5 (1 OF 2)	YEL	a	5 (2 OF 2)	PNK	p	6	YEL	j
4	GRN	M	5 (1 OF 2)	GRY	Z	5 (2 OF 2)	GRY	b	6	VIO	X
4	SHIELD	f	5 (1 OF 2)	PNK	m	5 (2 OF 2)	SHIELD	G	6	GRY	i
5 (1 OF 2)	RED	C	5 (2 OF 2)	RED	K	6	RED	S	6	SHIELD	NONE
5 (1 OF 2)	BLU	D	5 (2 OF 2)	BLU	J	6	BLU	T	6	PNK	k
5 (1 OF 2)	WHT	E	5 (2 OF 2)	WHT	H	6	BLK	U	6	GRY/PNK	s
5 (1 OF 2)	BRN	B	5 (2 OF 2)	BRN	d	6	WHT	V	6	RED/BLU	h

9	A/R	SAC305	SOLDER SAC305 FAST CORE
8	3	BARE COPPER #20	WIRE 20 BARE COPPER SOLID
7	1	-130 VITON	O-RING -130 VITON 75
6	1	CF10-UL-02-12	CABLE CHAINFLEX 12/C #24 BC/TPE BRAIDED TC SHIELD TPE JACKET
5	2	CF10-UL-02-08	CABLE CHAINFLEX 8/C #24 BC/TPE BRAIDED TC SHIELD TPE JACKET
4	1	CF10-UL-02-04	CABLE CHAINFLEX 4/C #24 BC/TPE BRAIDED TC SHIELD TPE JACKET
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	1	M85049/20-21N	ADAPTER CRIMP RING STRAIGHT SHIELD TERMINATION NICKEL PLATED ALUMINUM
1	1	24FG41SN	RCPT 41 #20 SOC JAM NUT SERIES III NICKEL PLATED ALUMINUM SHELL GOLD PLATED COPPER ALLOY CONTACTS
ITEM	QTY	PART NUMBER	DESCRIPTION

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**PAVE technology co.**

DESCRIPTION  
D38999/24-AL-150-32-TPE24-96

PART NUMBER  
**4991**

MATERIAL NOTED

REVISION LEVEL  
A

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