NOTES:
1. HE LEAK TEST @ 1 ATM. 1X10^-6 CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOX 1000 VDC 500 MEGOHMS MINIMUM. 0.01 SECOND MINIMUM WIRE TO WIRE AND RECEPTACLE SHELL/BACKSHELL WITH MATING CONNECTOR.
3. CONTINUITY TEST < 0.5 Ohm SOCKETS TO WIRE ENDS WITH MATING CONNECTOR.
4. POSITIONS "R", "G", "N", "Q", "R", & "T" IN ITEM 1 ARE FILLED WITH EMPTY CONTACTS AND HAVE NO ELECTRICAL CONNECTION.
5. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
6. ALL PARTS MUST PASS ALL TESTS.
7. COSMETIC SURFACE VOIDS SMALLER THAN 0.035 [0.89] ARE ACCEPTABLE.
8. REF-OPERATING TEMPERATURE RANGE -20 C TO 100 C.
9. RECOMMENDED D-HOLE PANEL CUT-OUT FOR D38999/24 (SHELL SIZE 21) 3.18 [.125]
   .52 [.062]
   .06 [.016]
   .004 [.001]

ITEM | COLOR | POS | ITEM | COLOR | POS | ITEM | COLOR | POS | ITEM | COLOR | POS
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
4 | BRN | N | 5 | [1 OF 2] | YEL | F | 6 | [2 OF 2] | YEL | c | 8 | GRN | A
4 | SHIELD | I | 5 | [1 OF 2] | PNK | m | 6 | [2 OF 2] | SHIELD | G | 10 | GRY | i
5 | [1 OF 2] | WHT | E | 6 | [2 OF 2] | WHT | H | 6 | BLK | U | 13 | GRY/PNK | s
5 | [1 OF 2] | BRN | B | 6 | [2 OF 2] | BRN | d | 6 | WHT | v | 14 | RED/BLU | h

ITEM | COLOR | POS
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6 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 SHEILD TPE JACKET
5 2 | CF10-UL-02-08 | CABLE CHAINFLEX 12/C #24 BC/TPE BRAIDED TC SHEILD TPE JACKET
4 1 | CF10-UL-02-04 | CABLE CHAINFLEX 12/C #24 BC/TPE BRAIDED TC SHEILD 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

SECTION A-A