



NOTES:

- 1). WIRES OMITTED FOR CLARITY
- 2). SOCKET AND PIN LOCATIONS FOR REFERENCE ONLY (NOT ACTUAL LOCATIONS)
- 3). EPOXY MUST NOT RUN OFF ONTO THREADS.
- 4). FLANGE ON PLUG CONNECTOR MUST BE EXPOSED .040 MIN ABOVE THE EPOXY.
- 5). He LEAK TEST  $<1 \times 10^{-8}$  cc/s AT 1 ATMOSPHERE (AIR EQUIVALENT)
- 6). ELECTRICAL HIPOT TEST @ 630 VDC FOR 500M ohms MIN INSULATION
- 7). ELECTRICAL CONTINUITY: RECEP. TO SHELL @ .5 ohms MAX  
 RECEP. TO RECEP. @ .5 ohms MAX  
 PIN TO PIN @ 1.0 ohms MAX

ITEM	QUANTITY	DESCRIPTION
1	1	-134 VITON O-RING
2	1	L HOUSING, PAVE #0410
3	1	L HEX NUT, PAVE #0411
4	1	SOCKET SUB ASSY., PAVE #0443
5	1	61 PIN CONTACT RECEPTACLE, PAVE #0413
6	1	61 SOCKET STRAIGHT PLUG, MIL C-83723 W/ S/R & LOOSE CONTACTS
7	1	61 PIN CONTACT STR. PLUG, MIL C-83723 W/ S/R & LOOSE CONTACTS
8	1	CONTACT RING, PAVE #0414

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART.  
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE:  
 .X DECIMAL +/- .1 .XX DECIMAL +/- .02 .XXX DECIMAL +/- .005  
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS

**pave** PAVE Technology Co.  
 Dayton, Ohio USA  
 Pressure and Vacuum Electronics  
 Custom Hermetic Connectors

0415 REV. A