



NOTES:

1. HE LEAK TEST @1 ATM. 10×10^{-7} CC/S OR LESS.
2. HYPOT 630 VDC 500 MEGOHMS 0.01 SEC MINIMUM, PINS TO SOCKETS & THREADS W/MATING PLUGS.
3. CONTINUITY TEST PIN TO SOCKET < 1 OHM.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. NO VOIDS ARE ALLOWED ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi.035$ [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. THERMAL CYCLE PRIOR TO LEAK TESTING, -40°C TO 125°C , 3 CYCLES, 2 HR HOLD.
8. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C .
9. ITEMS 7 & 8 ARE INCLUDED (BUT NOT SHOWN) UNLESS "NP" IS ADDED TO PAVE PART NUMBER & ORDER CODE.
10. TORQUE LABEL- PAVE (1897) Dayton, OH USA TIGHTEN TO 27.12 Nm MAXIMUM
11. DIMENSIONS ARE INCHES [millimeters].

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|------|-----|---------------|--|
| 8 | 1 | SC3116F10-6S | PLUG 6 #20 SOC ELECTROLESS NICKEL PLATED |
| 7 | 1 | SC3116F10-6P | PLUG 6 #20 PIN ELECTROLESS NICKEL PLATED |
| 6 | 1 | 0183 | NUT VS15-SS |
| 5 | 1 | -215 VITON | O-RING -215 VITON 75A |
| 4 | A/R | PAVE-Seal 150 | EPOXY BLACK |
| 3 | 1 | 0181 | THREAD INSERT VS15L-SS |
| 2 | 1 | SC3112E10-6SV | RCPT 6 #20 SOC VITON INSERT |
| 1 | 1 | SC3112E10-6P | RCPT 6 #20 PIN ELECTROLESS NICKEL |
| ITEM | QTY | PART# | DESCRIPTION |

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES
 ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5
 .X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005
 ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS

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DESCRIPTION **PAVE-Mate® I Connectors**
VS15L-E-150-6-20-3112PSV

PART NUMBER ***SEE NOTE 9**
1897*

REVISION LEVEL **C**

PROJECTION