



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁶ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 1000 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING WITH MATING CONNECTORS.
3. CONTINUITY TEST < 0.5 OHM PIN TO SOCKET WITH MATING CONNECTORS.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. CONNECTOR CENTERING IS APPROXIMATE & VARIABLE.
7. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 <= .5 [12.7] SEAL DIAMETER: ϕ .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: ϕ .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -20 °C TO 125 °C.
9. DIMENSIONS ARE INCHES [millimeters].
10. 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.

6	1	SC3116F14-5P	PLUG 5#16 PINS NICKEL PLATED ALUMINUM SHELL W/ STRAIN RELIEF SOLDER CUP
5	1	SC3116F14-5S	PLUG 5#16 SOCKETS NICKEL PLATED ALUMINUM SHELL W/ STRAIN RELIEF SOLDER CUP
4	1	SC3112E14-5S	RCPT 5#16 GOLD PLATED COPPER ALLOY SOCKETS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
3	1	SC3112E14-5P	RCPT 5#16 GOLD PLATED COPPER ALLOY PINS, NEOPRENE INSERT, NICKEL PLATED ALUMINUM SHELL
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	5912	HOUSING PT16-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
 PT16-SS-150-5-16-3112PS

PART NUMBER
1395

MATERIAL NOTED

REVISION LEVEL
 B

PROJECTION

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