



NOTES:

1. HE LEAK TEST @ 1 ATM. 1×10^{-7} CC/SEC OR LESS. A GREEN PAINT DOT 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. 2397 INCLUDES ITEMS 7 & 8 ONLY (STRAIN RELIEFS INCLUDED).
7. 2397-1 INCLUDES ITEMS 9, 10, & 11 ONLY.
8. 2397NP DOES NOT INCLUDE ITEMS 7, 8, 9, 10, OR 11 (NO PLUGS).
9. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
10. COSMETIC SURFACE VOIDS NOT ON O-RING SEALING SURFACES ARE ACCEPTABLE BASED ON THE SEAL'S DIAMETER:
 $\leq .5 [12.7]$ SEAL DIAMETER: $\phi .035 [.89]$ MAX ALLOWED VOID SIZE
 $> .5 [12.7]$ SEAL DIAMETER: $\phi .060 [1.5]$ MAX ALLOWED VOID SIZE
11. REF-OPERATING TEMPERATURE RANGE -20°C TO 125°C .
12. DIMENSIONS ARE INCHES [millimeters].
13. 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.

ITEM	QTY	PART NUMBER	DESCRIPTION
11	2	MS3057-24AN	SEE NOTES 7 & 8 STRAIN RELIEF 5015 SHELL SIZE 36 NICKEL PLATED ALUMINUM
10	1	SC3106A36-10P	SEE NOTES 7 & 8 PLUG 48#16 PINS NICKEL PLATED ALUMINUM SHELL SOLDER CUP CONTACTS
9	1	SC3106A36-10S	SEE NOTES 7 & 8 PLUG 48#16 SOCKETS NICKEL PLATED ALUMINUM SHELL SOLDER CUP CONTACTS
8	1	SCP06FM36-10P	SEE NOTES 6 & 8 PLUG 48#16 PINS NICKEL PLATED ALUMINUM SHELL & S/R GOLD PLATED CRIMP CONTACTS
7	1	SCP06FM36-10S	SEE NOTES 6 & 8 PLUG 48#16 SOCKETS NICKEL PLATED ALUMINUM SHELL & S/R GOLD PLATED CRIMP CONTACTS
6	1	-231 VITON	O-RING -231 VITON 75
5	A/R	PAVE-Seal 150	EPOXY BLACK
4	1	SCP02PM3610SA95	RCPT 48#16 SOCKETS BLUE INSERT NICKEL PLATED SHELL GOLD PLATED CONTACTS
3	1	SCP02PM3610PA95	RCPT 48#16 PINS BLUE INSERT NICKEL PLATED SHELL GOLD PLATED CONTACTS
2	1	0102	NUT VS32-SS
1	1	3368	HOUSING VS32-SS

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DESCRIPTION
VS32-SS-150-48-16-3102PS(A95)

PART NUMBER *SEE NOTES 6, 7, & 8
2397

MATERIAL NOTED
REVISION LEVEL C
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