



NOTES:

1. LEAK TEST: 3,500 PSI O-RING SIDE, NO BUBBLES 2 MINUTES MINIMUM.
2. LEAK TEST: 3,500 PSI NON-O-RING SIDE, NO BUBBLES 2 MINUTES MINIMUM.
3. HE LEAK TEST VACUUM 10×10^{-8} CC/SEC OR LESS, USE ALCOHOL TO LUBE THE O-RING IF NECESSARY.
4. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM PIN TO PIN AND HOUSING.
5. CONTINUITY TEST <.5 Ohms WITH MATING PLUGS.
6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
7. ALL PARTS MUST PASS ALL TESTS.
8. NO VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, VOIDS SMALLER THAN $\phi 0.035$ ARE ACCEPTABLE ON ALL OTHER SURFACES.
9. REF-OPERATING TEMPERATURE -20 °C TO 125 °C.
10. DIMENSIONS ARE INCHES [MILLIMETERS].
11. RCPT KEY ORIENTATION TO FLANGE BOLT HOLE PATTERN IS NOT CONTROLLED.

8	1	SCP06DM28-84P	PLUG 9#8 PIN 5015 ELECTROLESS NICKEL
7	1	SCP06DM28-84S	PLUG 9#8 SOCKET 5015 ELECTROLESS NICKEL
6	1	-039 VITON	O-RING -039 VITON 75
5	1	-036 VITON	O-RING -036 VITON 75
4	1	SCP02YM28-84P	RCPT 9#8 PIN 5015 ELECTROLESS NICKEL
3	1	SCP02YM28-84S	RCPT 9#8 SOCKET 5015 ELECTROLESS NICKEL
2	1	PAVE-Seal 150	EPOXY BLACK
1	1	3814	FLANGE 316SS 4.331 DIAM X .5 THK
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
FL69-SS-150-9-8-3102PS

PART NUMBER
3757

MATERIAL NOTED

REVISION LEVEL
F

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