



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁸ CC/SEC OR LESS. A GREEN PAINT DOT ON THE ATMOSPHERE SIDE INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE AND HOUSING.
3. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
4. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
5. ALL PARTS MUST PASS ALL TESTS.
6. WIRE POSITIONING 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: Ø .035 [.89] MAX ALLOWED VOID SIZE
 > .5 [12.7] SEAL DIAMETER: Ø .060 [1.5] MAX ALLOWED VOID SIZE
8. REF-OPERATING TEMPERATURE RANGE -40°C TO 150°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.

12	12	KT20	CABLE T/C TYPE K 20AWG TEFLON
11	8	TT20	CABLE T/C TYPE T #20 TEFLON FEP
10	8	TZ24 BRN M/16	WIRE 24AWG TEFZEL M22759/16
9	8	TZ24 BLU M/16	WIRE 24AWG TEFZEL M22759/16
8	9	TZ22 YLW	WIRE 22 TEFZEL MIL-W-22759/16 19/#34
7	9	TZ22 WHITE /16	WIRE 22 TEFZEL M22759/16 19/#34
6	8	TZ22 OR	WIRE 22 TEFZEL MIL-W-22759/16 19/#34
5	8	TZ22 GRN /16	WIRE 22 TEFZEL M22759/16 19/#34
4	9	TZ22 BLACK /16	WIRE 22 TEFZEL M22759/16 19/#34
3	2	TZ12 RED	WIRE TZ12 MIL-W-22759/32-12-0
2	A/R	PAVE-Seal 200	EPOXY BLACK
1	1	3583	HOUSING NW40-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
NW40-SS-200-2/43/16/8P/12P-TZ12/22/24/TT20/KT20-48-16

PART NUMBER 6031	MATERIAL NOTED
REVISION LEVEL -	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