



NOTES:

1. HE LEAK TEST VACUUM 5X10⁻⁹ CC/SEC OR LESS, 1 MINUTES MINIMUM.
2. VACUUM/ATMOSPHERE SIDE IS INTERCHANGEABLE.
3. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM CONDUCTOR TO CONDUCTOR AND HOUSING.
4. CONTINUITY TEST 0.5 Ohm MAXIMUM EACH CONDUCTOR MATING PLUG TO MATING PLUG (INCLUDES SHELL TO SHELL).
5. 50±20% Ohm COAX CONTINUOUS THRU ASSEMBLY.
6. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
7. ALL PARTS MUST PASS ALL TESTS.
8. VOIDS SMALLER THAN Ø0.035 ARE ACCEPTABLE.
9. REF-OPERATING TEMPERATURE -20°C TO 125°C.
10. DIMENSIONS ARE INCHES [millimeters].
11. 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.

9	A/R	PAVE-Seal 150	EPOXY BLACK
8	8	YARDLEY3005A5-8	THREAD INSERT SS M3X.5
7	1	3257	HOUSING FL54/18 6061AL ELECTROLESS NICKEL
6	8	MS4101D	CONTACT PIN COAX RG178 OR 196
5	8	FS4101D	CONTACT SOC COAX RG178 OR 196
4	4	JACKPOST 4-40	"P" STYLE 4-40 UNC
3	1	CBM8W8M0000X	D-SUB COAX 8 PIN RG178 OR 196
2	1	CBM8W8F0000X	D-SUB COAX 8 SOC RG178 OR 196
1	2	-037 VITON	O-RING -037 VITON 75
ITEM	QTY	PART NUMBER	DESCRIPTION

PAVE technology co.

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DESCRIPTION
FL54/18-AL-150-8-RG178 OR 196-DSUB-DSUB

PART NUMBER
3205

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