B9 SERIES
SPDT
DC - 8.0 GHz
TYPE SC CONNECTORS
HIGH POWER

FREQUENCY: GHz	DC - 2.0	2.0 - 4.0	4.0 - 8.0
VSWR (MAX.)	1.20:1	1.35:1	1.50:1
INSERTION LOSS	0.20	0.35	0.50
ISOLATION	90	70	60
IMPEDANCE	50 Ohms		

MECHANICAL

CONTACT	:	BREAK BEFORE MAKE
ACTUATOR	:	FAILSAFE, LATCHING, MOMENTARY
SWITCHING SPEED	:	20 mSEC MAX.

ELECTRICAL

ACTUATOR VOLTAGE	:	28.0, 24.0, 15,0, 12,0 Vdc
ACTUATOR CURRENT	:	SEE TABLE
POWER HANDLING	:	1.75 KWCW @ 1.0 GHz

ENVIRONMENTAL

OPERATING TEMP	:	-40 DEG. C TO 90 DEG. C (STANDARD) -54 DEG. C TO 90 DEG. C (OPT/MS)
SINE VIBRATION	:	20 G'S
RANDOM VIBRATION	:	15 G'S
LIFE	:	1,000,000 CYCLES

DESIGNED TO MEET MIL-S-3928 AND MIL-E-5400

FINISH

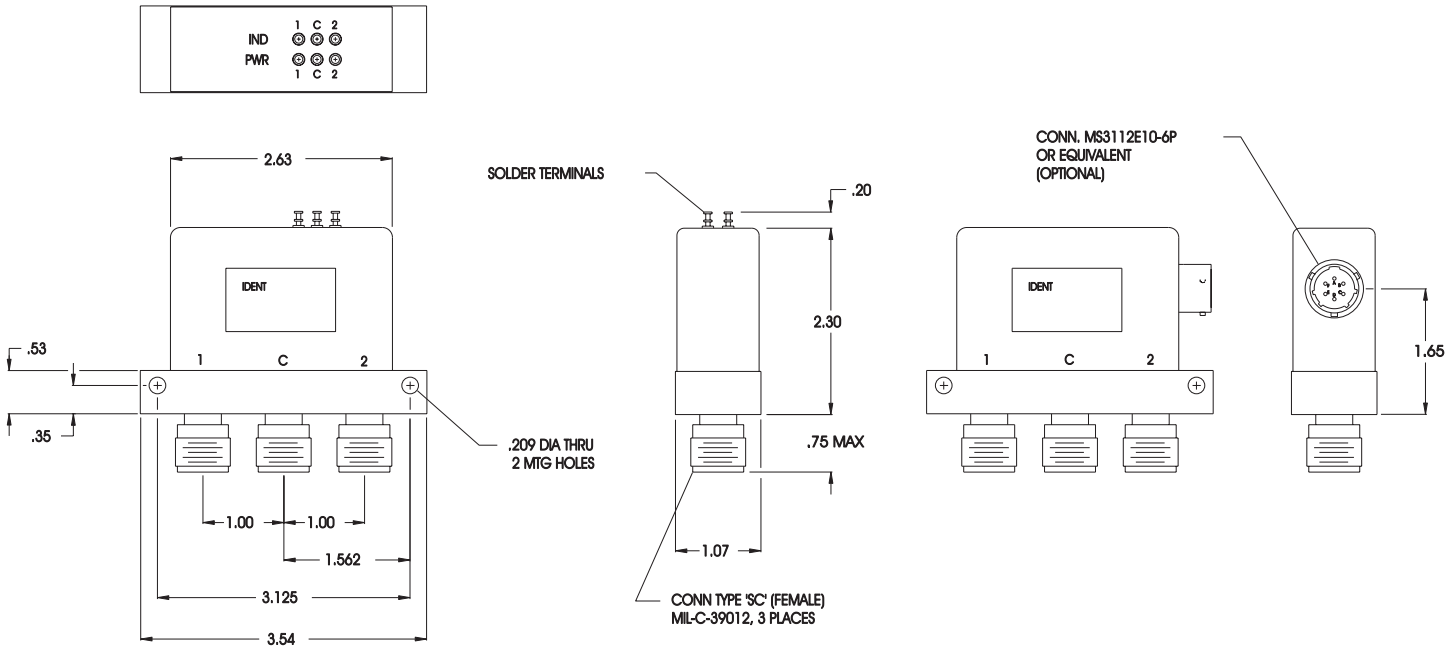
RF CAVITY	:	ALUMINUM ELECTROLESS NICKEL PLATED PER MIL-C-26074, CLASS 4 (EXCEPT LOW ,ULTRA LOW & SUP. IM MODELS)
ENCLOSURE	:	ALUMINUM, BLUE OR BLACK
CONTACT	:	BERYLLIUM COPPER, GOLD PLATED PER MIL-G-45204
CONNECTOR SHELL	:	CRES, PASSIVATED PER QQ-P-35 OR BRASS, ELECTROLESS NICKEL PLATED PER MIL-C-26074

AVAILABLE OPTIONS

INDICATOR CIRCUITRY	:	CUT OFF POWER CIRCUIT
SUPPRESSION DIODE	:	D' SUB MINIATURE SERIES
TTL LOGIC	:	MS CONNECTOR OR EQUIV. (MIL-SPEC)

LOW & ULTRA LOW & SUPERIOR INTERMODULATION (IM)

NOTE: SWITCH SHOWN WITH
INDICATOR OPTION



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