



Ditom
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ISOLATOR
D3I8012

ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	8.000 - 12.400
IMPEDANCE:	50 OHMS
ISOLATION (dB):	22 TYP 20 MIN
INSERTION LOSS (dB):	0.35 TYP 0.40 MAX
VSWR:	1.18 TYP 1.25 MAX
POWER: AVG (PORT 1 TO 2):	15 W
REFLECTIVE POWER (TERM)	2 W
PEAK:	500 W

MECHANICAL SPECIFICATIONS

CONNECTORS:	SMA-FEMALE, STAINLESS STEEL, PASSIVATE
CONTACT PINS:	BERYLLIUM COPPER, GOLD PLATE
OPERATING TEMPERATURE:	-30 to +85 C
WEIGHT (APPROX):	1.0 OUNCES

DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED		Ditom MICROWAVE INC. Fresno, California, USA	
TOLERANCE XX±0.03 XXX±0.010		TITLE 8.00 - 12.40 GHz SMA-Female Isolator	
SCALE 4:1		MODEL NO D3I8012	REV