

ELECTRICAL SPECIFICATIONS

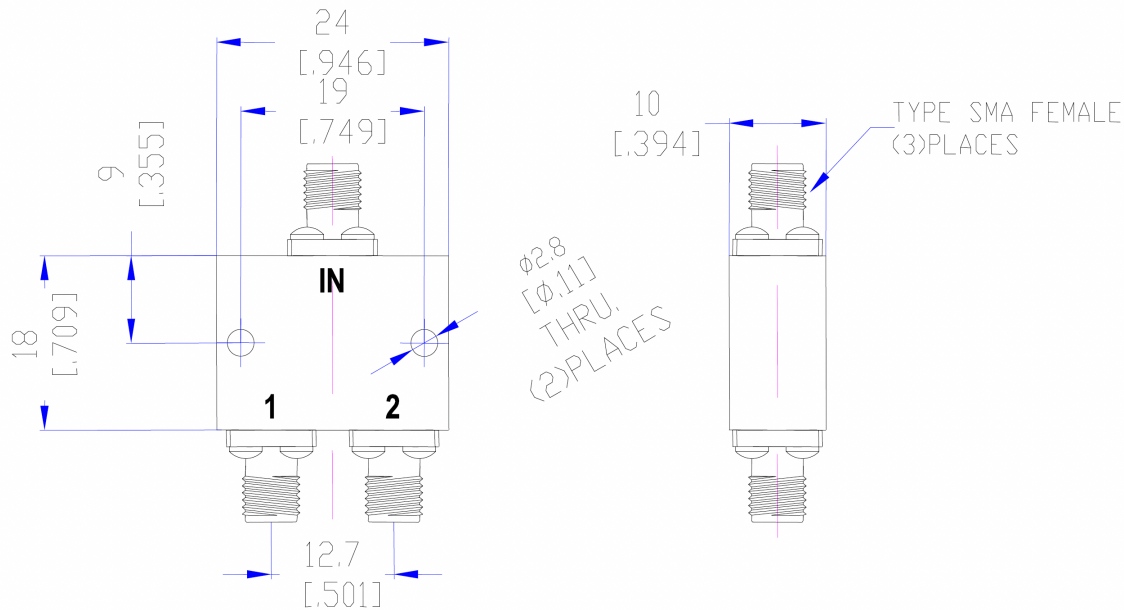
PARAMETER	SPECIFICATION
FREQUENCY RANGE	7.150 – 9.150 GHz
INSERTION LOSS*	0.4 dB max
ISOLATION	25 dB min
VSWR	1.2 max
AMPLITUDE UNBALANCE	± 0.2 dB
PHASE UNBALANCE	± 1° max
POWER (DIVIDER/COMBINER)	10W / 1W
IMPEDANCE	50 Ohms

*Excluding 3dB theoretical loss

MECHANICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
MATING INTERFACE	SMA (F) Body: SS/P, Pin: BeCu/gold, dielectric: PTFE
OPERATING TEMP	-55 TO +85 °C
CASE MATERIAL:	Aluminum alloy 6061T6, (clear Chem Conversion w/black epoxy resin paint)
NET WEIGHT	30 g
Lead Free – RoHS and REACH Compliant	

MECHANICAL OUTLINE



Units: mm [inch]
Tolerance ±0.2 mm

Electro-Photonics LLC reserves the right to modify drawings, configurations, specifications, and design at any time without prior notification.