

ELECTRICAL SPECIFICATIONS:

- 1.) FREQUENCY RANGE: 600 - 3800 MHz
- 2.) IMPEDANCE: 50 OHMS
- 3.) INSERTION LOSS (MAX): 1.2 dB (ABOVE 6.02 dB SPLIT)
- 4.) AMPLITUDE BALANCE (MAX): 0.4 dB
- 5.) PHASE BALANCE (MAX): 6 DEGREES
- 6.) ISOLATION (MIN): 22 dB
- 7.) INPUT VSWR (MAX): 1.30 : 1
- 8.) OUTPUT VSWR (MAX): 1.20 : 1

MECHANICAL SPECIFICATIONS:

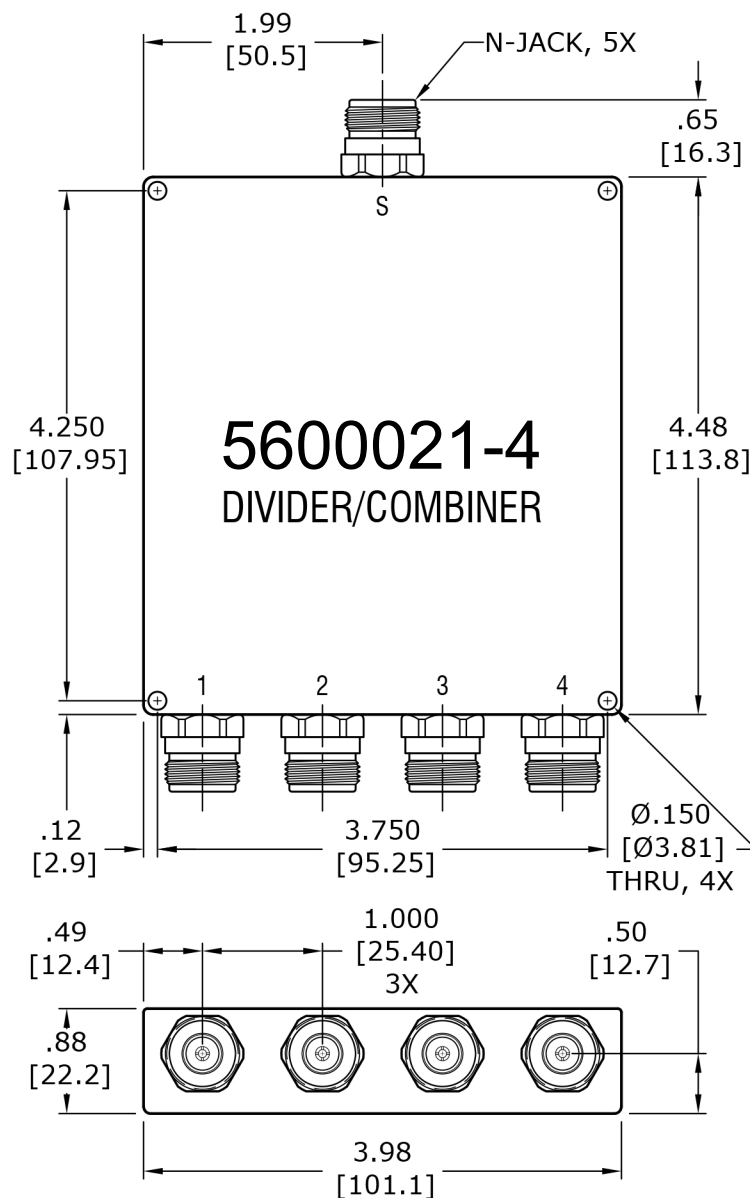
- 1.) CONNECTORS: TYPE-N FEMALE (JACK), 50 OHM
- 2.) CONNECTOR BODY: BRASS, TRI-ALLOY PLATE
- 3.) CONNECTOR PIN: PHOSPHOR BRONZE, GOLD PLATE
- 4.) INSULATOR: PTFE, VIRGIN ELECTRICAL GRADE
- 5.) HOUSING: ALUMINUM, CLEAR CHEM CONVERSION FILM, RoHS COMPLIANT (NO HEX CHROM)
- 6.) SOLDER: LEAD FREE, RoHS COMPLIANT
- 7.) OPERATING TEMP: -65°C TO +85°C
- 8.) WEIGHT: 709 GRAMS

RF INPUT POWER RATING (POWER DIVIDER SPLITTER):

INTO MATCHED LOAD VSWR's	IN-PHASE	180° OUT-OF-PHASE
1.2 : 1	40 WATTS	40 WATTS
2.0 : 1	40 WATTS	40 WATTS
∞	40 WATTS	4 WATTS

RF INPUT POWER RATING (POWER COMBINER):

COHERENT SIGNALS (IN-PHASE)	4 X 10 WATTS
COHERENT SIGNALS (180° OUT-OF-PHASE)	4 X 1 WATT
NON-COHERENT SIGNALS	4 X 2 WATTS
OTHER CONDITIONS - CONSULT FACTORY	



RoHS

TOLERANCES	
INCHES	MILLIMETERS
.00 = ±.01	.0 = ±.25
.000 = ±.004	.00 = ±.10
DRAWN: TRD	APPROVED: MJD
DATE: 12/09/19	DATE: 12/09/19



MODEL NO.
5600021-4

TITLE 4 WAY POWER DIVIDER COMBINER,
N-TYPE JACK, 600 - 3800 MHz, 40W,
50Ω, 0° (IN-PHASE), RoHS

REV	DESCRIPTION	BY	DATE