SPECIFICATIONS

ELECTRICAL

FREQUENCY RANGE ___________________________ 10 - 40 GHz
VSWR

INPUT 1.60:1 TYP, 1.80:1 MAX.
OUTPUTS 1.70:1 TYP, 1.80:1 MAX.

INPUT POWER ___________________________ 10 WATTS @ 25°C
(ASSUMES OUTPUT MATCH OF 5 OF 2.2:1 OR BETTER, DERATED LINEARLY TO 10% WITH ARBITRARY LOAD)

IMPEDANCE ___________________________ 50 OHMS

INSERTION LOSS ___________________________ 1.5 dB TYP, 2.0 dB MAX.

ISOLATION ___________________________ 15 dB MIN.

PHASE ___________________________ 8° MAX.

AMPLITUDE BALANCE ___________________________ 0.6 dB MAX.

OPERATING TEMP RANGE ___________________________ -54°C TO +125°C

MECHANICAL

2.92mm CONNECTORS - FEMALE/JACK

CONTACTS ___________________________ GOLD PLATED BERYLLIUM COPPER
CONNECTOR HOUSING ___________________________ PASSIVATED STAINLESS STEEL
CIRCUIT CASE ___________________________ ALUMINUM ALLOY W/ CHEMICAL
CONVERSION COAT PER MIL-DTL-5541,
TYPE II, CLASS 1A

NOTE: FOR DFARS COMPLIANT PART,
ADD "DF" TO END OF PART NUMBER