ELECTRICAL

FREQUENCY RANGE ________________ 10 - 65 GHz

VSWR

10-50 GHz ________________ 2.0:1 TYP, 2.2:1 MAX
50-65 GHz ________________ 2.2:1 TYP, 2.5:1 MAX

INPUT POWER ________________ 10 WATTS @ 25°C
(ASSUMES OUTPUT MATCH OF DF 2.5:1 OR BETTER. DERATES LINEARLY TO 10% WITH ARBITRARY LOAD)

IMPEDANCE ________________ 50 OHMS

INSERTION LOSS

10-50 GHz ________________ 2.5 dB TYP
50-65 GHz ________________ 4.5 dB MAX

ISOLATION ________________ 15 dB MIN.

PHASE

(BETWEEN OUTPUT PORTS) ________________ 15° MAX.

AMPLITUDE BALANCE ________________ 1.5 dB MAX.

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

MECHANICAL

1.85mm CONNECTORS - FEMALE/JACK

CONTACTS ________________ GOLD PLATED BERYLLIUM COPPER

CONNECTOR HOUSING ________________ PASSIVATED STAINLESS STEEL

CIRCUIT CASE ________________ ALUMINUM ALLOY W/ CHEMICAL CONVERSION COAT

RoHS COMPLIANT DEVICE

MARKING

PART LOOKS LIKE PRODUCT IMAGE SHOWN.
PART MARKING ORIENTATION AND FORMAT AS SHOWN.
MARKING TO BE AS LARGE AS POSSIBLE BE, CLEAR, READABLE.
YYWW EQUALS DATE CODE

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POWER DIVIDER, 2-WAY, 10-65 GHz, 1.85mm, 10W

MARKING SURFACE

.500

.010

2x500

.185

.370

1.84

1.000

.42

TYP

.101

MARKING TO BE AS LARGE AS POSSIBLE BE, CLEAR, READABLE.

YYWW EQUALS DATE CODE