

Product Information

Control No. : ARP-482000 E

Established on Aug 23, 2013

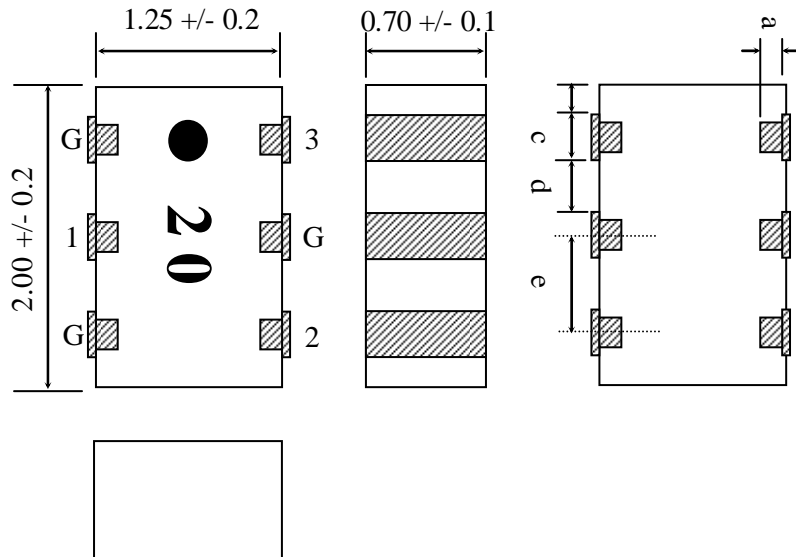
1. 900MHz Band Chip Power Divider

TYPE No: HMD820F

RoHS correspondence article

2. Appearance and Construction

2.1 Dimension (Unit: mm)



| Terminal | |
|----------|---------|
| 1 | Input |
| 2 | Output1 |
| 3 | Output2 |
| G | GND |

| Terminal Dimensions | |
|---------------------|---------------|
| a | 0.15typ. |
| b | 0.20typ. |
| c | 0.30 +/- 0.15 |
| d | 0.35 +/- 0.15 |
| e | 0.65 +/- 0.15 |

2.2 Body ... Ceramics

2.3 Terminal ... Ni+Sn plating

2.4 Marking ... Abbreviation of Model No. is printed

3. Absolute Maximum Ratings

3.1 Input Power (W Avg/CW Ta=25degC) : 3

3.2 Operating Temperature (degC) : -40 ~ 105

3.3 Storage Temperature (degC) : -40 ~ 85

(-20 ~ 35degC for tape and reel materials)

4. Electrical Characteristics (-40 ~ 105degC)

| Item | Specifications |
|--------------------------------------|--|
| 4.1 Nominal Impedance (Ohm) | 50 |
| 4.2 Frequency Range (MHz) | 700 ~ 1000 |
| 4.3 Insertion Loss (dB MAX) | 0.6 (TYP. 0.4) |
| 4.4 Amplitude Level Balance (dB MAX) | 0.8 |
| 4.5 Phase Balance (deg MAX) | 4 |
| 4.6 V.S.W.R (MAX) | 1.50 (@800 ~ 1000MHz) 1.58 (@700 ~ 1000MHz) |
| 4.7 Isolation (dB MIN) | 17 |

5. Note

5.1 Number of pieces ordered

At least 2,000 pieces must be ordered for serial production.

*Specifications of products are subject to change without notice