Product: 2-8Ghz 2 Way power divider

Part Number: LPD-2/8-2S

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| Specification |

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| **No.** | **Parameter** | **Minimum** | **Typical** | **Maximum** | **Units** |
| 1 | Frequency range | 2 | - | 8 | GHz |
| 2 | Insertion Loss | - | - | 0.4 | dB |
| 3 | Phase Balance: | - | - | ±4 | dB |
| 4 | Amplitude Balance  | - | - | ±0.2 | dB |
| 5 | Isolation | 20 | - |  | dB |
| 6 | VSWR | - | - | 1.35 | - |
| 7 | Power |  |  | 20 | W cw |
| 8 | Operating Temperature Range | -55 | - | +85 | ˚C |
| 9 | Impedance | - | 50 | - | Ω |
| 10 | Connecter | SMA-F |  |  |  |
| 11 | Preferred finish | Black/Sliver/yellow/blue |

**Remarks:**

1. Not include Theoretical loss 3db 2.Power rating is for load vswr better than 1.20:1

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| Environmental Specifications |
| Operational Temperature | -55ºC~+85ºC |
| Storage Temperature | -55ºC~+105ºC |
| Vibration | 25gRMS (15 degrees 2KHz) endurance, 1 hour per axis |
| Humidity | 100% RH at 35ºc, 95%RH at 40ºc |
| Shock | 20G for 11msec half sine wave,3 axis both directions |
| Mechanical Specifications |
| Housing  | Aluminum |
| Connector  | ternary alloy three-partalloy |
| Female Contact: | gold plated beryllium brass |
| Rohs  | compliant |
| Weight | 0.1kg |

Outline Drawing:

All Dimensions in mm

Outline Tolerances ± 0.5(0.02)

Mounting Holes Tolerances ±0.2(0.008)

All Connectors: SMA-Female



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| TEST DATA |



