

Description

The S20A888N1 is a low profile 20 dB directional coupler in an easy to use surface mount package covering AMPS, GSM and EDGE applications. The S20A888N1 is ideal for power and frequency detection as well as VSWR monitoring and can be used in most high power designs. Parts have been run through rigorous qualifications and units are 100% tested. They are manufactured using materials with X and Y thermal expansion coefficients compatible with common substrates.

Features

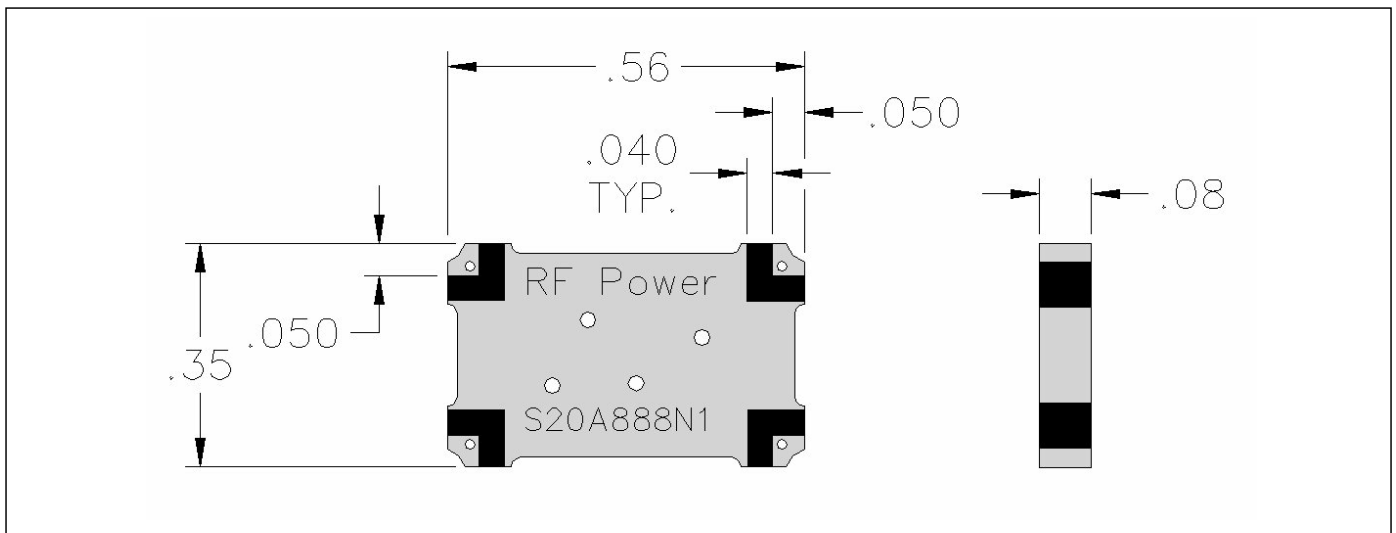
- 815 - 960 MHz
- 100 Watts
- Low Loss
- High Directivity
- Surface Mountable
- Tape and Reel
- Convenient Package
- 100% Tested

Electrical Specifications

| Frequency MHz | Mean Coupling dB | Insert. Loss dB Max | VSWR Max: 1 |
|-----------------------|-----------------------|------------------------|------------------------|
| 815 - 960 | 20.5 ± 1.5 | 0.20 | 1.25 |
| Freq. Sens. dB Max | Directivity dB Min | Temp. °C | Power Avg. CW Watts |
| ±0.20 | 20 | -55 to +85 | 100 |

Specifications subject to change without notice.

Outline Drawing



VER. 2/7/02



Available on Tape and Reel for Pick and Place Manufacturing.

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