

E-Series Coupler

5 - 40 MHz

EMDC-17-2-75

V3.00

Features

- Coupling: +17 dB Typical
- Surface Mount

Specifications @ 25°C

| | | |
|-----------------|------------------|---------|
| Frequency Range | 5 - 40 MHz | |
| Coupling | 17 ±1 dB Nominal | |
| 5 - 40 MHz | | |
| Main Line Loss | Typical | Maximum |
| 5 - 40 MHz | 0.45 dB | 0.8 dB |
| Directivity | Typical | Minimum |
| 5 - 40 MHz | 28 dB | 22 dB |
| Return Loss | Typical | Minimum |
| | 25 dB | 20 dB |

Operating Characteristics

| | |
|-----------|-----------------|
| Impedance | 75 Ohms Nominal |
|-----------|-----------------|

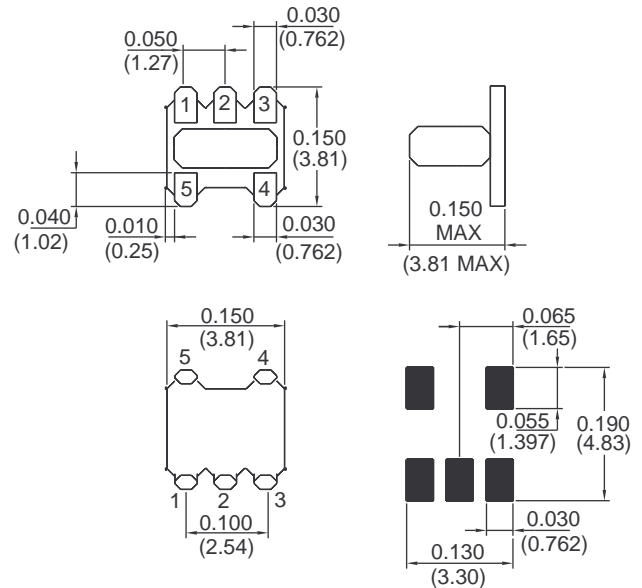
Ordering Information

| Part No. | Packaging |
|----------------|---------------------|
| EMDC-17-2-75 | Tube |
| EMDC-17-2-75TR | Forward Tape & Reel |

Absolute Maximum Ratings

| Parameter | Absolute Maximum |
|-------------------------|------------------|
| RF Power | 250 mW |
| DC Current | 30 mA |
| Operating/Storage Temp. | -20°C to +85°C |

SM-22



Dimensions in () are in mm.
 Unless Otherwise Noted: .x = ±0.04 (1.00)
 .xx = ±0.02 (0.50)
 .xxx = ±0.010 (0.250)

Pin Configuration

| Function | Pin. No. |
|------------------|----------|
| Input | 5 |
| Output | 1 |
| Coupled | 4 |
| Ground | 2 |
| External 75 Ohms | 3 |

Specifications Subject to Change Without Notice.

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