

# E-Series 2-Way 0° Power Divider

## 870 - 905 MHz

**ESSM-2-3-B**

V3.00

### Features

- 2 Way
- 0°
- Surface Mount

### Specifications @ 25°C

|                     |               |         |
|---------------------|---------------|---------|
| Frequency Range     | 870 - 905 MHz |         |
| Insertion Loss      | Typical       | Maximum |
| 870 - 905 MHz       | 0.22 dB       | 0.3 dB  |
| Isolation           | Typical       | Minimum |
| 870 - 905 MHz       | 21 dB         | 20 dB   |
| Amplitude Unbalance | Maximum       |         |
| 870 - 905 MHz       | 0.1 dB        |         |
| Phase Unbalance     | Maximum       |         |
| 870 - 905 MHz       | 2°            |         |
| Return Loss         | Minimum       |         |
| I/P                 | 16 dB         |         |
| O/P                 | 20 dB         |         |

### Operating Characteristics

|           |                 |
|-----------|-----------------|
| Impedance | 50 Ohms Nominal |
|-----------|-----------------|

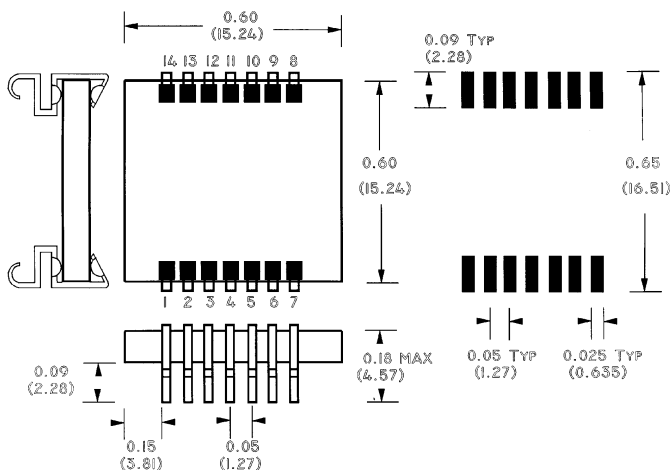
### Ordering Information

|                 |                     |
|-----------------|---------------------|
| <b>Part No.</b> | <b>Packaging</b>    |
| ESSM-2-3-B      | Tube                |
| ESSM-2-3-BTR    | Forward Tape & Reel |

### Absolute Maximum Ratings

| Parameter                 | Absolute Maximum |
|---------------------------|------------------|
| Maximum Power Rating      | 1 Watt           |
| Internal Load Dissipation | 0.125 Watt       |
| Pin Temp (10 sec)         | 260°C            |
| Storage Temperature       | -55°C to 100°C   |

### SM-34



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.      |
|-------------|--------------|
| Ground      | 1,3-10,12-14 |
| Case Ground | 1,3-10,12-14 |
| Input       | 11           |
| Port 1      | 2            |
| Port 2      | 6            |

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