

E-Series 3-Way 0° Power Divider

5 - 500 MHz

ES-3-1W

V3.00

Features

- 3 Way
- 0°

Specifications @ 25°C

Frequency Range		5 - 500 MHz
Insertion Loss	Typical	Maximum
	5 -50 MHz	0.8 dB
	50 - 250 MHz	1.4 dB
	250 - 500 MHz	1.4 dB
Isolation	Typical	Minimum
	5 -50 MHz	20 dB
	50 - 250 MHz	15 dB
	250 - 500 MHz	15 dB
Amplitude Unbalance		Maximum
5 -50 MHz		0.1 dB
	50 - 250 MHz	0.3 dB
	250 - 500 MHz	0.6 dB
Phase Unbalance		Maximum
5 -50 MHz		6°
	50 - 250 MHz	14°
	250 - 500 MHz	20°

Operating Characteristics

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

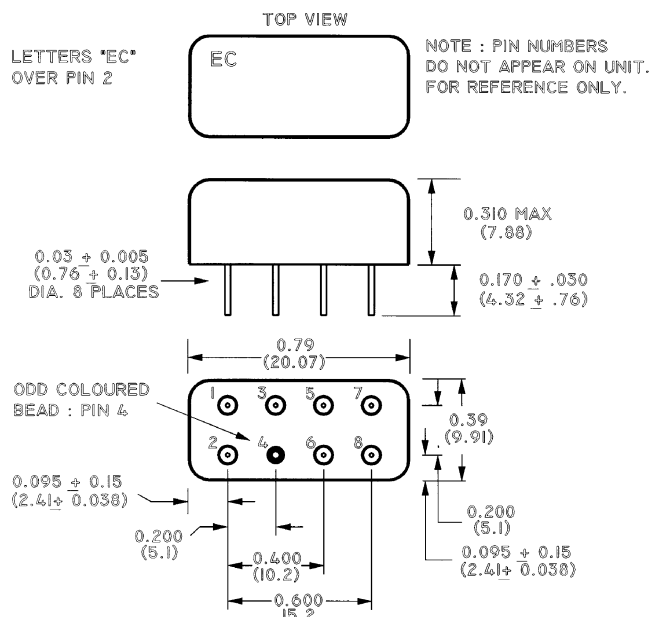
Ordering Information

Part No.	Packaging
ES-3-1W	Tube
ES-3-1WTR	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

R-1



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

WEIGHT (APPROX.): 0.23 OUNCES 6.3 GRAMS

Pin Configuration

Function	Pin No.
Ground	2,3,4,6
Case Ground	2,3,4,6
Input	1
Port 1	5
Port 2	7
Port 3	8

S 0248 B