

E-Series Coupler ||RFSTART|| - ||RFST

ESDC-10-5-75

Features

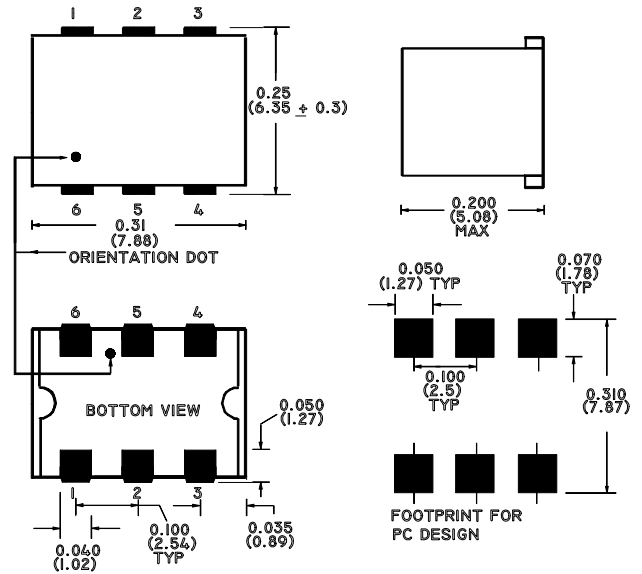
- * Coupling +10.5 dB Typical
- * Surface Mount

Specifications @ 25°C

Frequency Range 5 - 1000 MHz

Coupling	Nominal	Flatness
5 - 1000 MHz	10.5±1 dB	1.2 dB
Main Line Loss	Typical	Maximum
5 - 50 MHz	1.2 dB	1.6 dB
50 - 500 MHz	1.3 dB	1.5 dB
500 - 1000 MHz	1.4 dB	1.7 dB
Directivity	Typical	Minimum
5 - 50 MHz	22 dB	18 dB
50 - 500 MHz	20 dB	15 dB
500 - 1000 MHz	14 dB	7 dB

SM-1



Operating Characteristics

Impedance 75 Ohms Nominal

Absolute Maximum Ratings

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

Additional Specifications

I/P Return Loss: 17dB Typ, 14dB Min
 O/P Return Loss: 23dB Typ, 18dB Min
 Coupled Port Return Loss: 17dB Typ, 14dB Min

Function	Pin No.
Input	6
Output	1
Coupled	4
Ground	5
Case Ground	5
External 75 Ohms	3
Not Connected	2