

H3-RFCP5763

5-1218MHz 75Ω 16dB Coupler

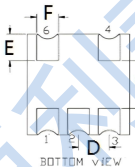
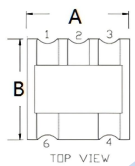
• APPLICATIONS

• Ideally suited for CATV Broadband applications.

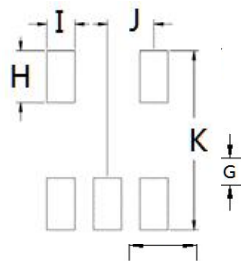
• FEATURES

- Surface mount
- 16dB Coupler
- RoHS compliant and Pb free
- Available on tape and reel

DIMENSIONS



Land Pattern



A	B	C	D	H	I	J
4.30	4.30	2.65	1.27	1.40	0.76	1.27
E	F	G		K		
1.11	0.90	2.00		4.83		

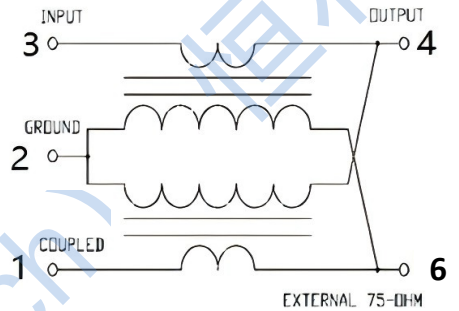
Unless otherwise stated dimensions are in mm

Tolerance: .xx ± 0.25, .xxx ± 0.05

ELECTRICAL SPECIFICATIONS@25°C:

Parameters (P#: ENA PORT)	frequency band	Min.	Typ.	Max.	Unit
Port Impedance, Z0			75		Ohm
Coupling	5 - 1218 MHz	15.5	16.0	16.5	dB
Coupling Flatness	5 - 1218 MHz			1.0	dB
Main Line Loss	5 - 1218 MHz		0.9	1.2	dB
Input Return Loss	5 - 1218 MHz	14	18		dB
Output Return Loss	5 - 1218 MHz	14	18		dB
Coupled Return Loss	5 - 1218 MHz	14	17		dB
Directivity	5 - 1218 MHz	8	20		dB

FUNCTIONAL SCHEMATIC



PIN CONFIGURATION

Pin No.	Function
1	Coupled
2	Ground
3	Input
4	Output
6	External 75 Ohm

ABSOLUTE MAXIMUM RATINGS

Parameter	Value
RF Power	250 mW Max
DC Current	30mA Max
Operating Temperature Range	-40 to 85°C
Storage Temperature	-40 to 85°C

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TEST CURVE

