

#### TECHNICAL DATA SHEET

#### **SMT HYBRID COUPLER**

## R431.211.502

#### 0.8 - 1 GHZ

Series : Coupler

**ELECTRICAL CHARACTERISTICS** 

	Specified band	Extended band
Frequency (GHz)	0.869 - 0.96	0.811 - 1
V.S.W.R	≤ 1.12	1.15
Impedance ( $\Omega$ )	50	
Nominal coupling (dB)	3	3
Amplitude balance (dB)	$\pm 0.3$	0.55
Phase balance : 90 ( $^{\circ}$ )	± 3	3
Isolation (dB)	≥ 25	23
Insertion loss (dB)	≤ 0.12	0.15
Average power at 25°C (W)	225	200

## **MECHANICAL CHARACTERISTICS**

Mounting RF Port finish Weight Surface Mount Technology Chemical Sn <u>1,0000 g</u>

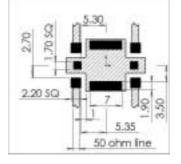
#### **ENVIRONMENTAL**

Operating temperature range Storage temperature range

-55:+85	°C
-55 / +85	°C

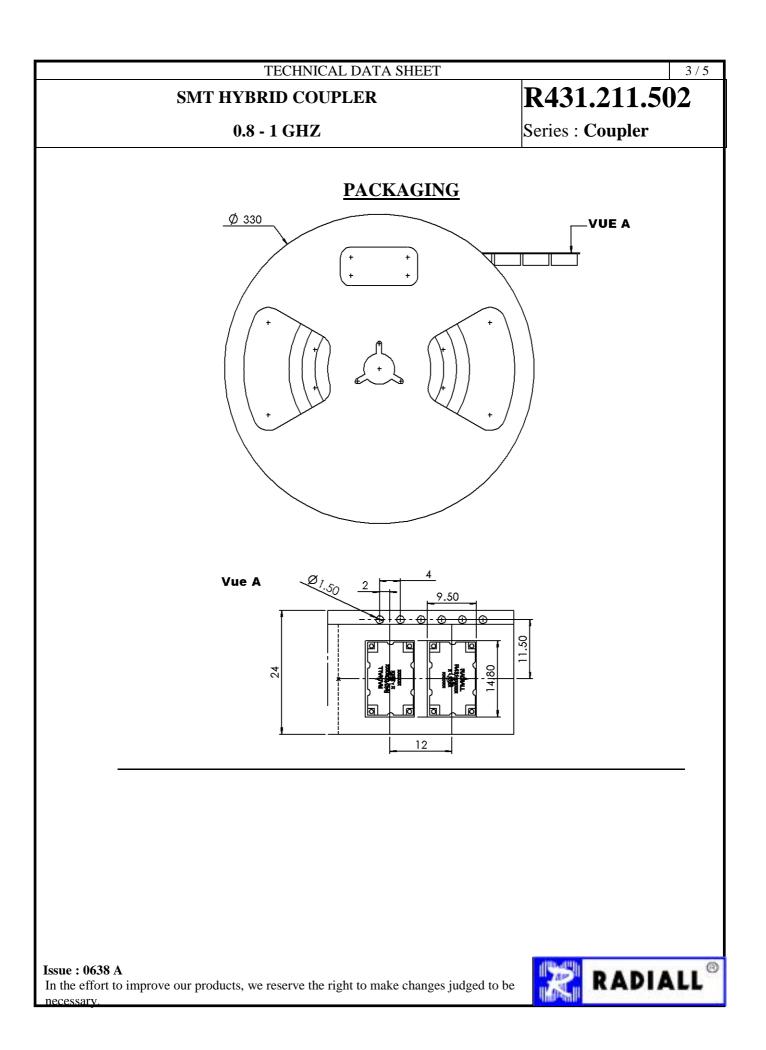
## **SPECIFICATION**

## SOLDERING PATTERN





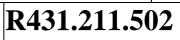
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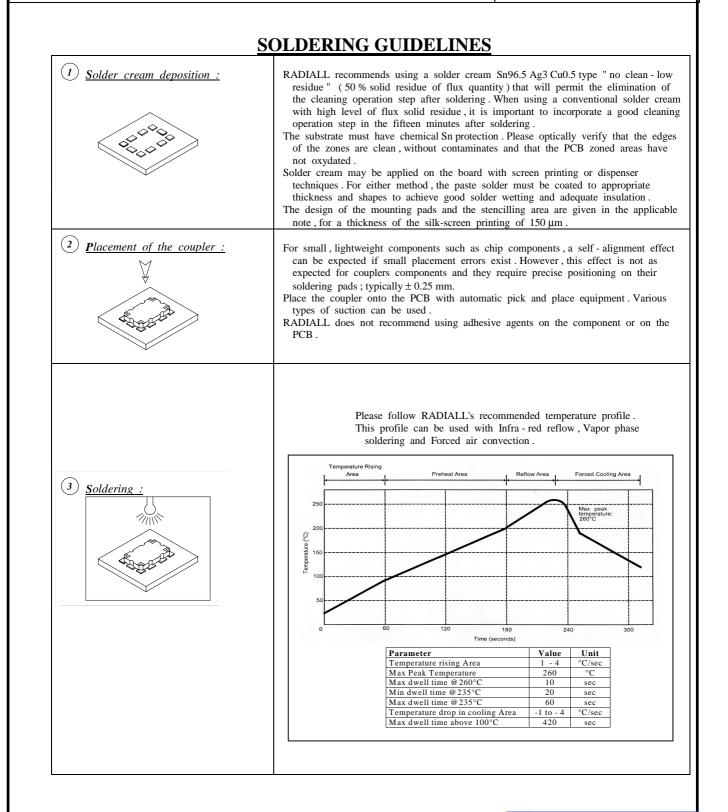
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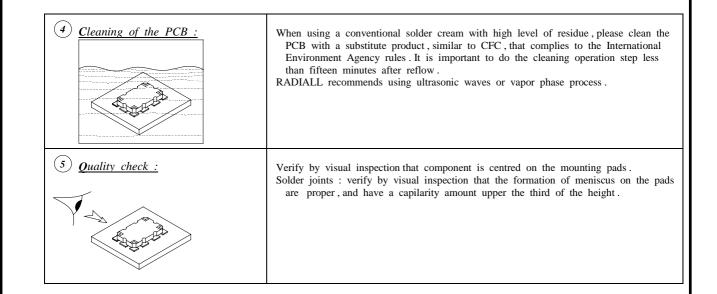
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