

#### TECHNICAL DATA SHEET

## **SMT HYBRID COUPLER**

### 0.8 - 1.2 GHZ

R431.211.001

Series : Coupler

## **ELECTRICAL CHARACTERISTICS**

Frequency (GHz)	0.815 - 1.1	0.8 - 1.2
V.S.W.R	≤ 1.18	1.2
Impedance $(\Omega)$	50	
Nominal coupling (dB)	3	3
Amplitude balance (dB)	± 0.3	0.55
Phase balance : 90 (°)	± 3	3
Isolation (dB)	≥ 22	21
Insertion loss (dB)	≤ <sup>0.23</sup>	0.23
Average power at 25°C (W)	100	100

# **MECHANICAL CHARACTERISTICS**

Mounting **RF** Port finish Weight

Issue : 0636 F

necessarv

Surface Mount Technology Chemical Sn <u>1.000 g</u>

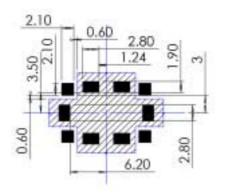
### **ENVIRONMENTAL**

Operating temperature range Storage temperature range

-55 / +85	°C
-55 / +85	°C

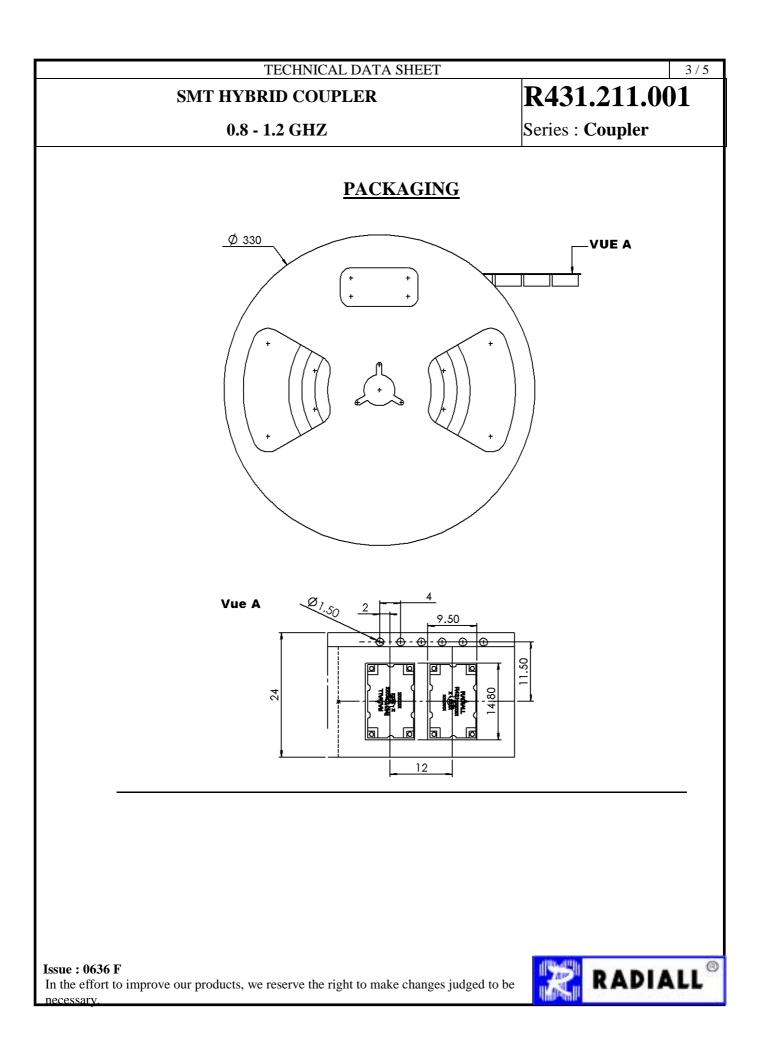
## **SPECIFICATION**

## **SOLDERING PATTERN**





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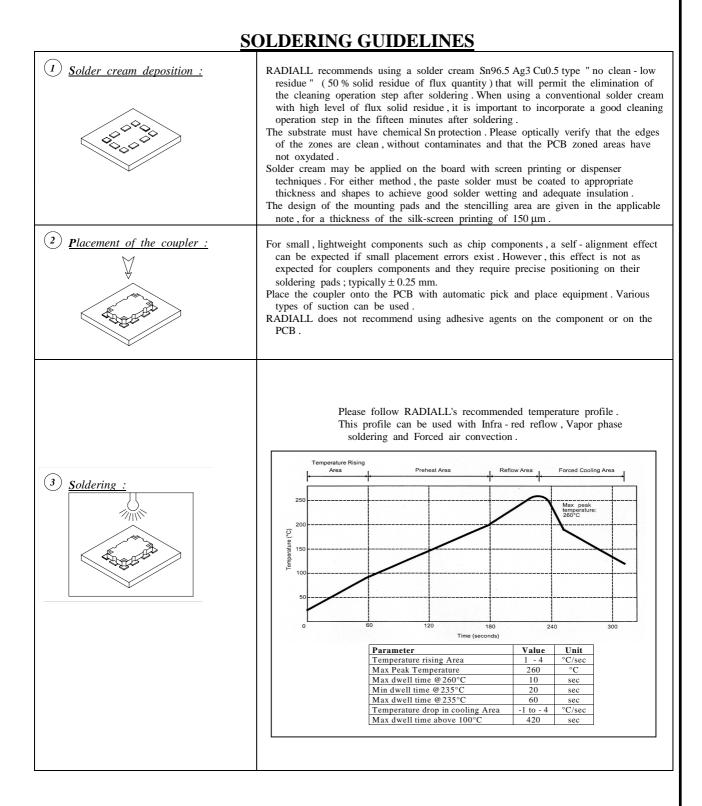
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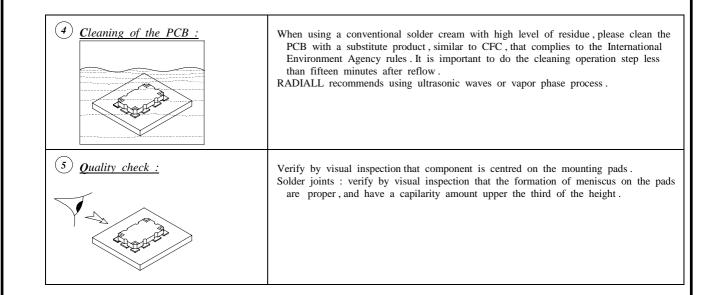
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