

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 (Ω)	50	
Nominal coupling (dB)	3	3
Amplitude balance (dB)	± 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>

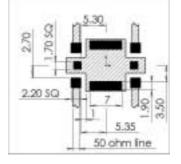
ENVIRONMENTAL

Operating temperature range Storage temperature range

-55:+85	°C
-55 / +85	°C

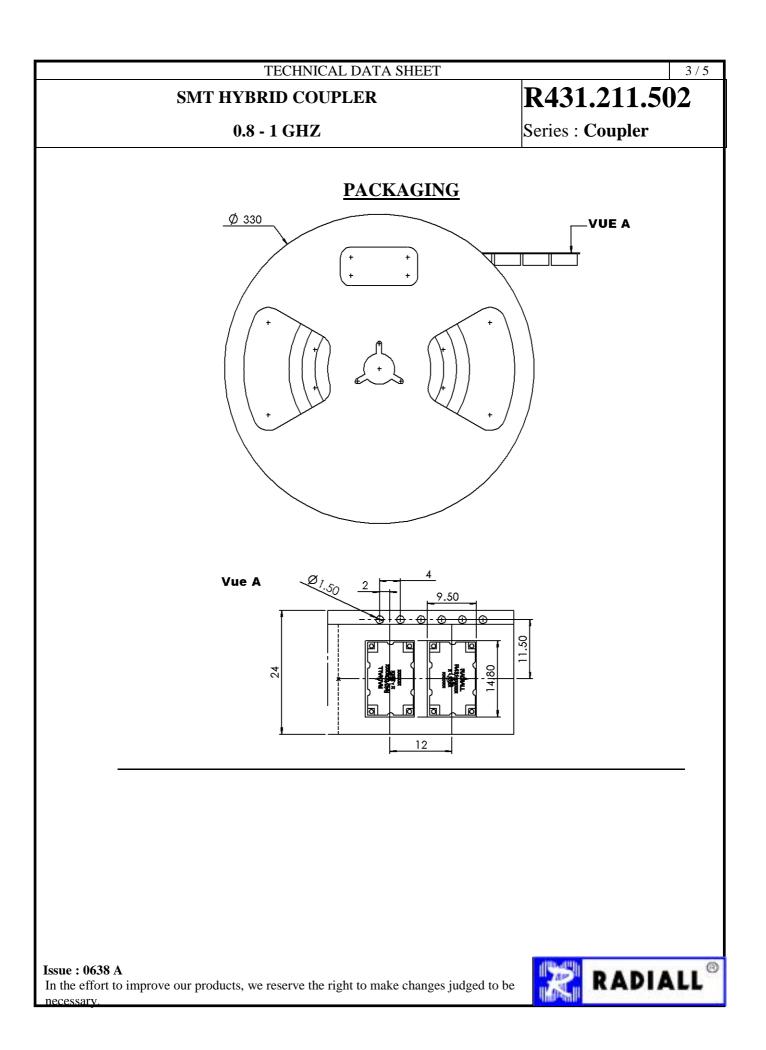
SPECIFICATION

SOLDERING PATTERN





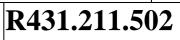
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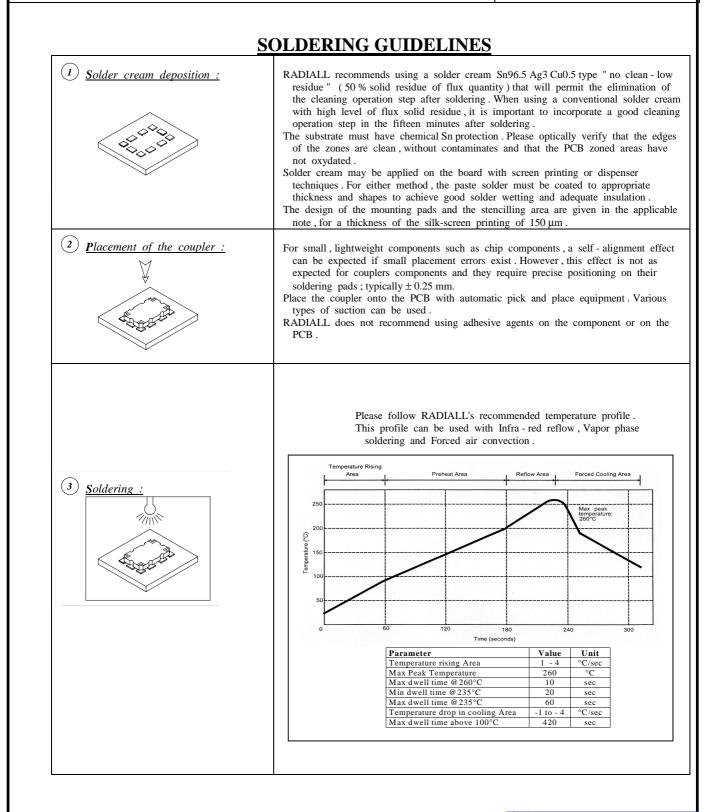
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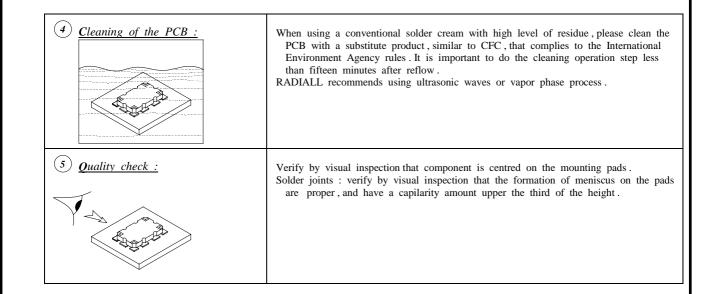
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