



RF transformer

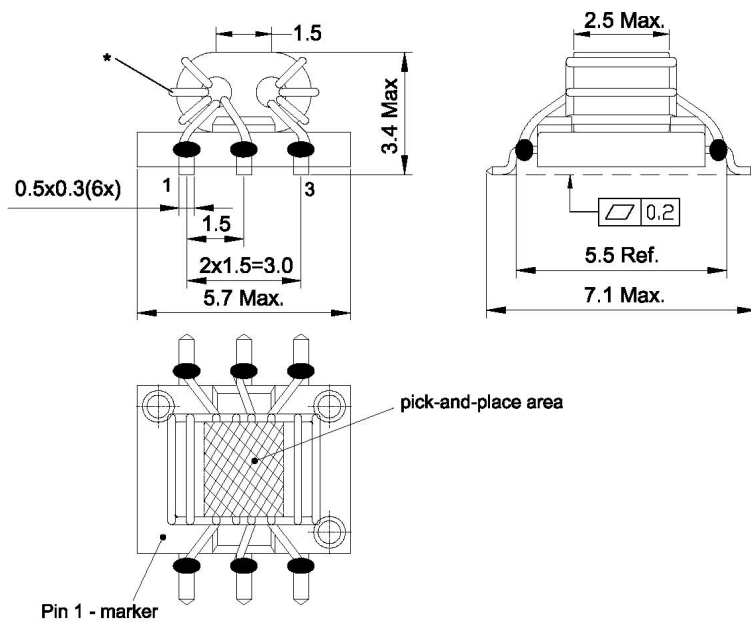
Splitter

Series/Type: B78408
Ordering code: B78408A1226A003
Date: December 2005

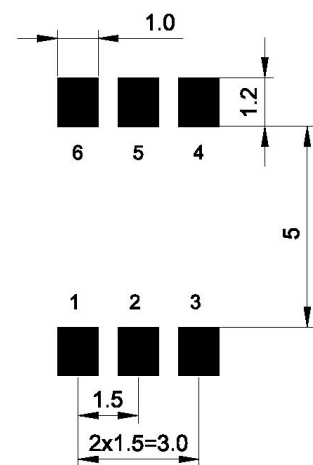
Technical data

Recommended frequency range: 47 ... 2500 MHz
 Operating temperature: -40 ... +85 °C
 RoHS-compatible¹⁾

Dimensional drawing and layout



Layout recommendation (top view)



*) Exemplary winding construction

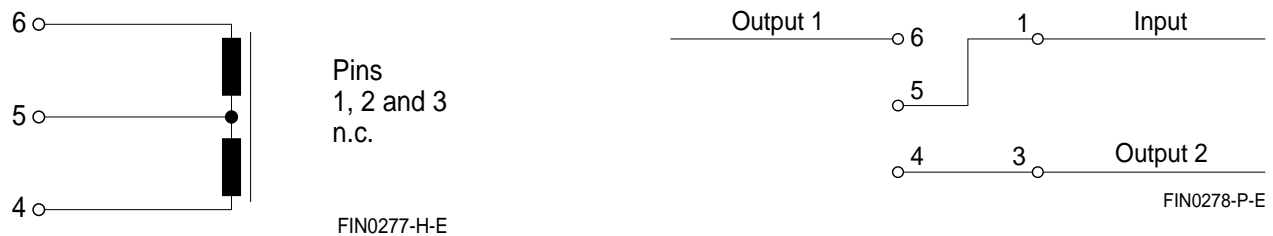
Dimensions in mm
 Coplanarity: <0.2 mm

Taping and packing

12-mm blister tape to IEC 60286-3
 Reel 330 mm
 Packing unit: 2.100 pieces/reel

- 1) The components described as "RoHS-compatible" are in compliance with the requirements of the regulations listed below ("Regulations") and with the requirements of the provisions which will result from transformation of the Regulations into national law to the extent such provisions reflect the Regulations.
- Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment ("Directive 2002/95/EC");
 - Commission Decision of 18 August 2005 amending Directive 2002/95/EC (2005/618/EC);
 - Commission Decision of 13 October 2005 and of 21 October 2005 amending the Annex to Directive 2002/95/EC (2005/717/EC; 2005/747/EC).

Circuit diagram and test arrangement



Insertion loss

Measurement instrument: Network Analyzer

Test board: PS 751/impedance: 75 Ω

Values specified at 25 °C

Frequency	47 MHz	2050 MHz	2500 MHz
Input/Output1 (dB)	-3.5 (typ.)	-3.9 (typ.)	-4.2 (typ.)
Isolation Output1/Output2 (dB)	-15.6 (typ.)	>20 (typ.)	>19 (typ.)

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