



RF transformer

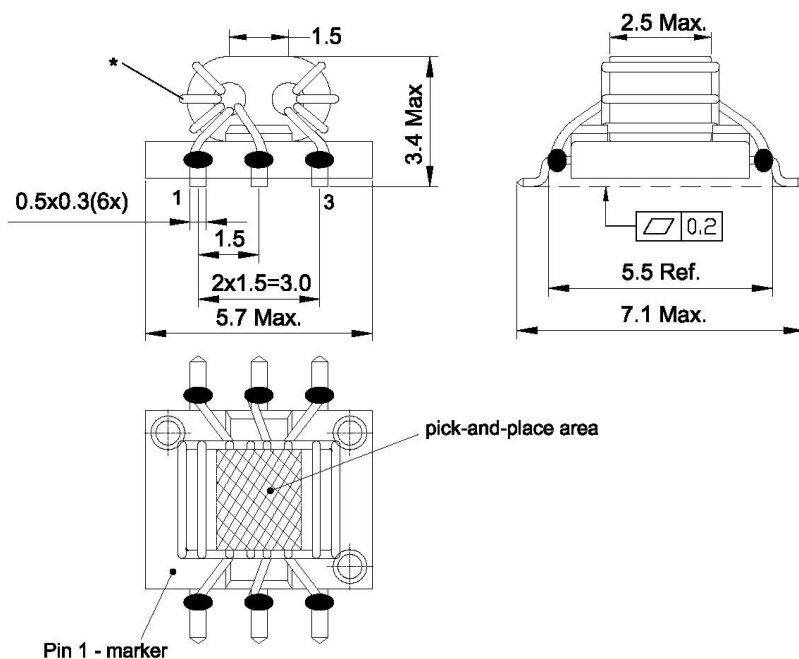
1:1 transformer

Series/Type: B78408
Ordering code: B78408A1208A003
Date: December 2005

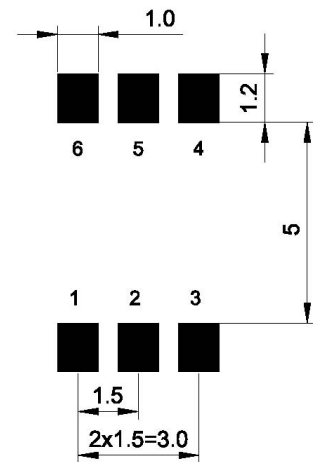
Technical data

Recommended frequency range: 47 ... 862 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



Packing

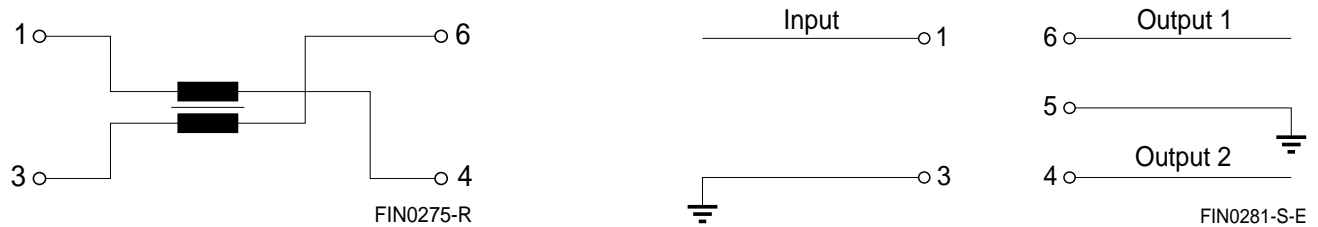
12-mm blister tape to IEC 60286-3

Reel 330 mm

Packing unit: 2.100 pieces/reel

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- 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: BA 501/impedance: 50 Ω

Values specified at 25 °C

| Frequency | 5 MHz | 100 MHz |
|--------------------|---------------|---------------|
| Input/Output1 (dB) | 4.0 ± 0.3 | 4.0 ± 0.3 |

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