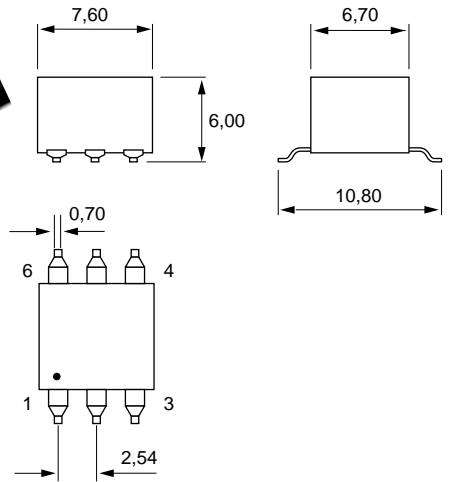
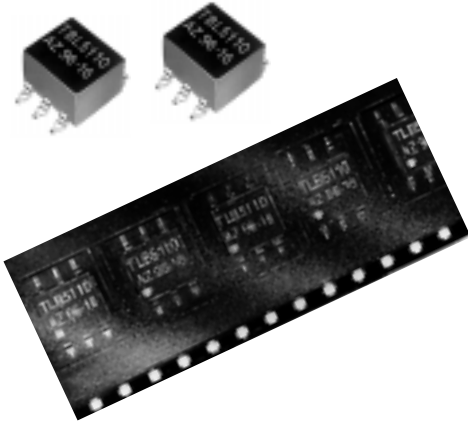




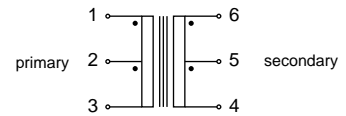
TLB51 ¹⁰₁₅₂₅₄₀ wideband transformers

SURFACE MOUNTING

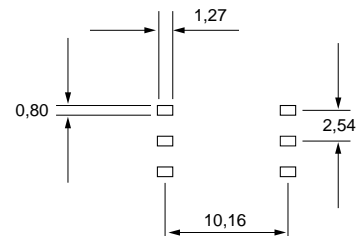
Magnetic circuit is potted in a DAP case, UL 94 V0 approved, which makes the product suitable for reflow soldering. They can be used from 40 kHz to 500 MHz with impedance from 50 Ω to 600 Ω with a low insertion loss.



ELECTRICAL DIAGRAM



RECOMMENDED SOLDERING PAD



SPECIFICATIONS

MECHANICAL

CASE... UL 94 V0
UNIT WEIGHT... 1 g

CLIMATIC

TEMPERATURE RANGE
SHELF... -55°C +85°C
WORKING... -30°C +75°C

ELECTRICAL

INPUT POWER ... 250 mW max.
MAX. CURRENT ... 100 mA
INSULATION VOLTAGE ... 100 V RMS

FREQUENCY RESPONSE

	TLB5110	TLB5115	TLB5125	TLB5140
Impedance ratio	1	1,5	2,5	4
Bandwidth - 3 dB	0,06 to 360 MHz	0,015 to 153 MHz	0,03 to 190 MHz	0,03 to 160 MHz

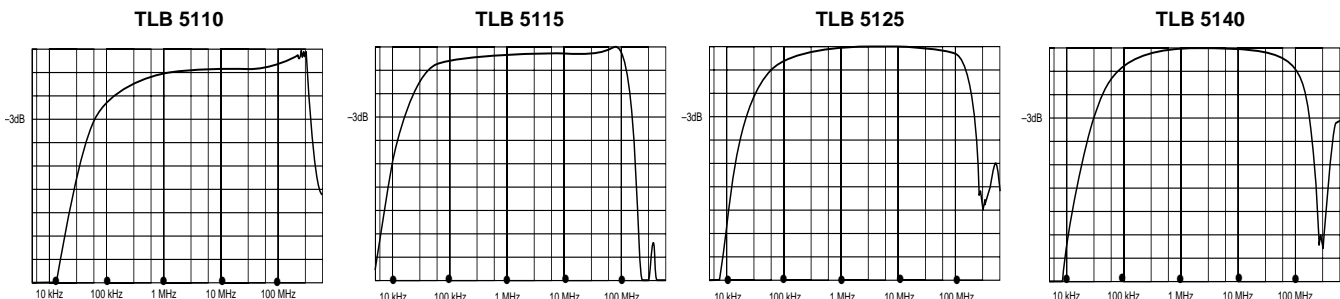
PACKING

Tape : 24 mm width, 12 mm pitch
Reel 500 pieces : external dia.: 325 mm
height : 31 mm

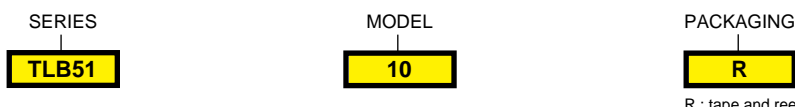
MARKING

Printed in clear: series, model, manufacturer, manufacturing date (code), pin 1.

BANDWIDTH



ORDERING PROCEDURE



R : tape and reel



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