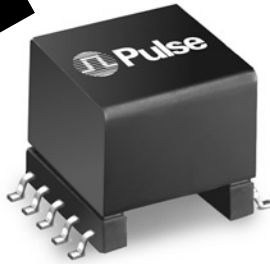


AUDIO TRANSFORMERS SURFACE MOUNT PACKAGE



**Small
Surface Mount
Package**



- Typical applications: telephone sets, PBXs, DLC systems, central office switches
- Optimized insertion loss and return loss for audio frequency range, including voiceband
- Designed for 600 Ω line impedance
- Small SMT footprint

Electrical Specifications @ 25°C

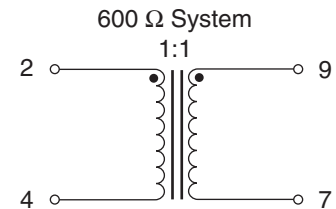
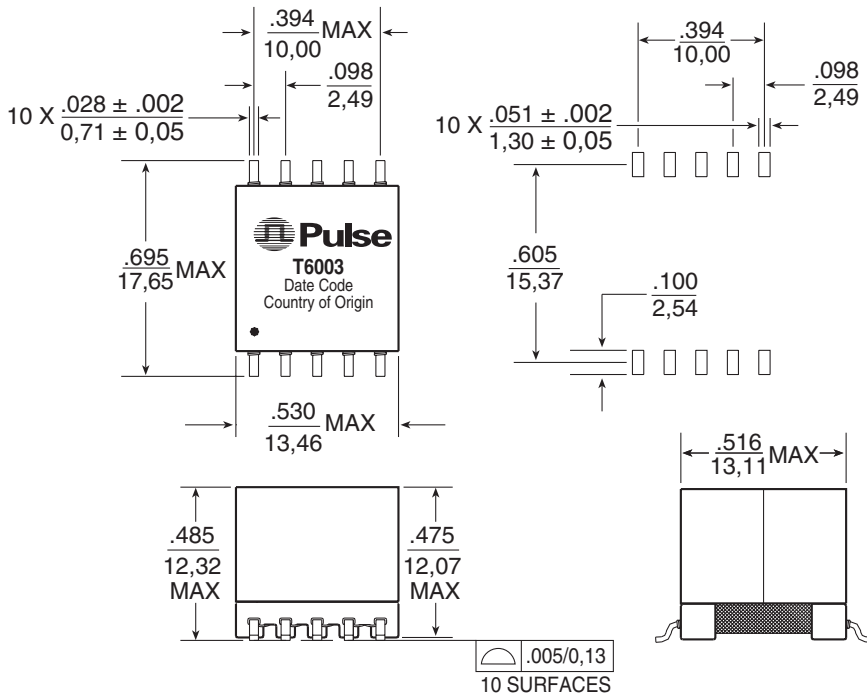
Part Number	Turns Ratio Pri:Sec ($\pm 2\%$)	DCR Pri Side (Ω MAX)	DCR Sec Side (Ω MAX)	Isolation Voltage (Vrms MIN)	Insertion Loss (dB MAX)				Return Loss (dB MIN)		
					200 Hz	1 KHz	20 KHz	100 KHz	200 Hz	1 KHz	10 KHz
T6003	1:1	55	70	1500	1.0	1.0	1.0	1.9	20	30	25

NOTE: Optional Tape & Reel packaging can be ordered by adding a "T" suffix to the part number (ex: T6003T).

Mechanical

Schematic

T6003



Weight6.7 grams
 Pan Size60/tray
 Tape and Reel150/reel
 Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified,
 all tolerances are $\pm \frac{.010}{0,25}$

For More Information :

**UNITED STATES
(Worldwide)**
 12220 World Trade Drive
 San Diego, CA 92128
 U.S.A.
<http://www.pulseeng.com>
 TEL: 858 674 8100
 FAX: 858 674 8262

**UNITED KINGDOM
(Northern Europe)**
 1 & 2 Huxley Road
 The Surrey Research Park
 Guildford, Surrey GU2 5RE
 United Kingdom
 TEL: 44 1483 401700
 FAX: 44 1483 401701

**FRANCE
(Southern Europe)**
 Zone Industrielle
 F-39270
 Orgelet
 France
 TEL: 33 3 84 35 04 04
 FAX: 33 3 84 25 46 41

**SINGAPORE
(Southern Asia)**
 150 Kampong Ampat
 #07-01/02
 KA Centre
 Singapore 368324
 TEL: 65 287 8998
 FAX: 65 280 0080

**TAIWAN, R.O.C.
(Northern Asia)**
 3F-4, No. 81, Sec. 1
 HsinTai Wu Road
 Hsi-Chih, Taipei Hsien
 Taiwan, R.O.C.
 Tel: 886 2 2698 0228
 FAX: 886 2 2698 0948

DISTRIBUTOR

Performance warranty of products offered on this data sheet is limited to the parameters specified. Data is subject to change without notice. Other brand and product names mentioned herein may be trademarks or registered trademarks of their respective owners.

♻️ Printed on recycled paper. ©2000, Pulse Engineering, Inc.

PRELIMINARY T628.P (10/00)