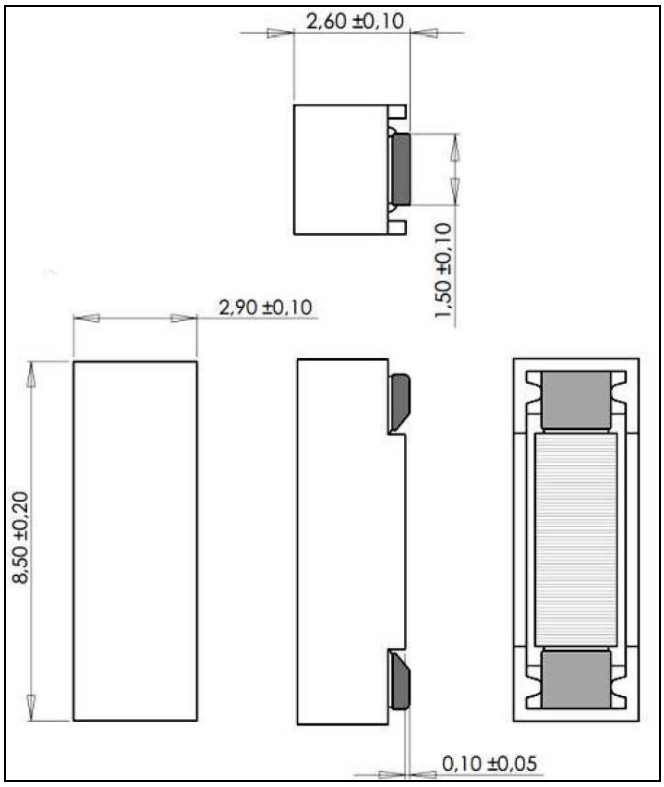
TP0702UCAP

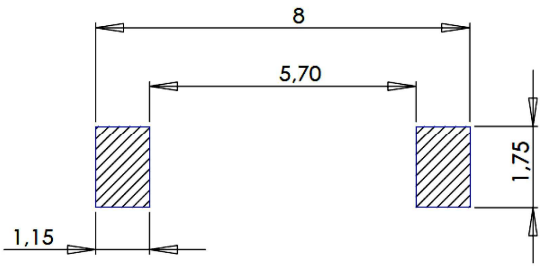
SMD Transponder Coil 8.6x3x2.7 mm MAX

RoHS COMPLIANT 2002/95/EC

C/Severo Ochoa 33 – Parque Tecnológico de Andalucía. 29590 Campanillas. Málaga (Spain) **Phone** +34 951 231 320 Fax +34 951 231 321
E-mail: info@grupopremo.com Web http://www.grupopremo.com

1. Dimensions and Recommended Pad Layout





All dimensions in mm

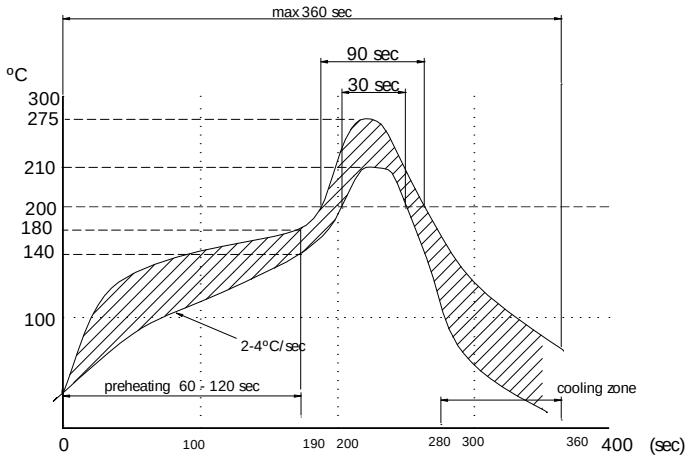
2. General Specifications. Recommended Reflow Profile

Typical Operating Frequency 125 kHz

Storage Temperature -40 °C → +125 °C

Operating Temperature -40 °C → +125 °C

Lead Free Reflow Profile



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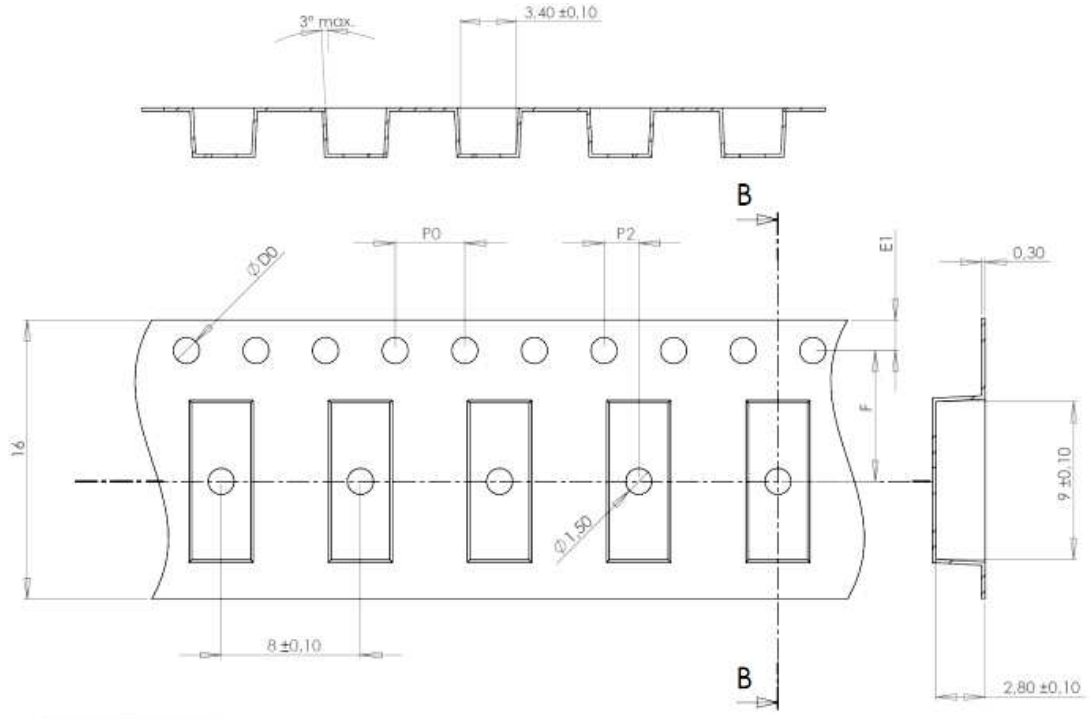
3. Electrical Characteristics

TP0702UCAP

Code	L (mH)	Q min	SRF (kHz) Min	DCR (Ω) Max	Sensitivity (mVpp/App/m) min	Dimensions (mm) Max
TP0702UCAP-0238J	2.38 ± 5%	30	900	25.3	25	8.6 x 3.0 x 2.7
TP0702UCAP-0491J	4.91 ± 5%	35	700	38.5	38	8.6 x 3.0 x 2.7
TP0702UCAP-0720J	7.2 ± 5%	30	500	61.1	50	8.6 x 3.0 x 2.7
TP0702UCAP-0900J	9.0 ± 5%	30	450	84.7	55	8.6 x 3.0 x 2.7

4. Packaging Information

TAPING SPECIFICATION (According to EIA481)



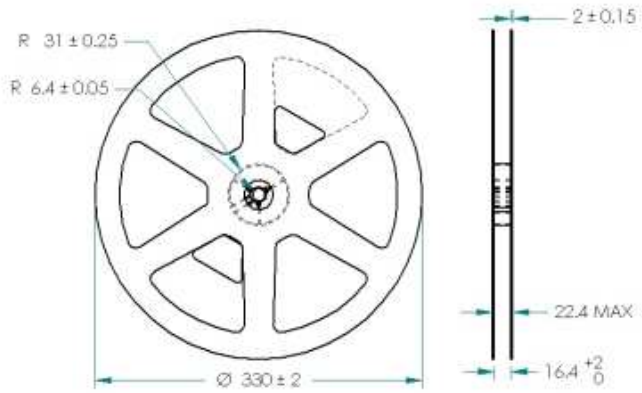
D0	1.5 + 0.1 - 0.0
E1	1.75 ± 0.1
P0	4.0 ± 0.1
P2	2.0 ± 0.1
F	7.5 ± 0.1

All Dimensions in mm.
All curvature radios are 0.3mm (non detailed)

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REEL



All dimensions in mm

PARTS PER REEL

2500

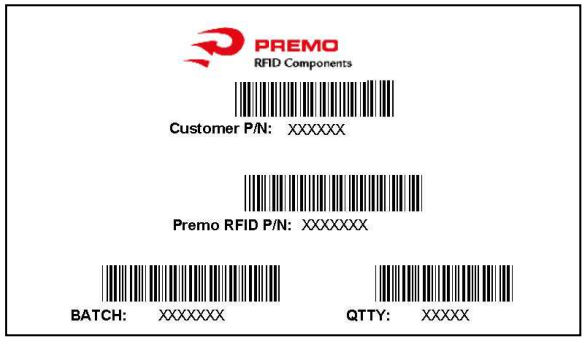
MATERIAL LIST

ITEM	MATERIAL
Reel	SHOCK-PROOF POLYSTYROL
Carrier tape	PET 0.3mm
Cover tape	POLYESTER with ANTISTATIC coating.

TAPING

5. Labelling

PACKAGE LABELLING



6. Reliability Tests

This part is according to AEC-Q200 Revision D.

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