



ADSL Transformer For Analog Devices

- ✿ **For use with Analog Devices AD20MSP930**
- ✿ **Designed to meet IR 235°C peak requirement**
- ✿ **Excellent THD performance**
- ✿ **Small EP13 Package in SMD and THT Type**



SPECIFICATIONS

Part Number	Application	Turn Ratio (2%) (1-4):(10-7)	OCL (1-4), 2-3 shorted	Leakage Inductance @ 100 KHz, 0.1 V	Longitudinal Balance (from 10 KHz to 1.1 KHz)
XT0005	ISDN-CO	1:1	100 μ H(\pm 7%) @ 100KHz, 1V	4 μ H MAX	-46 dB MIN
XT5005					
XT5006	ISDN-CPE	1:1.2	120 μ H(\pm 10%) @ 100KHz, 1V	4 μ H MAX	-46 dB MIN
XT0007					
XT5007	ISDN-CO	1:1.1	2mH(\pm 10%) @ 20KHz, 1V	8.5 μ H MAX	-46 dB MIN
XT0008	ISDN-CPE	1:1.1	1.2mH(\pm 10%) @ 20KHz, 1V	10 μ H MAX	-46 dB MIN
XT5008					

SPECIFICATIONS CONTINUE

Part Number	THD	DCR (1-4), 2-3 shorted	Isolation Voltage (Vrms)	Insertion Loss (@ 300 KHz)	Package
XT0005	-80 dB MIN @ 100 KHz, 4Vac	1 Ω MAX	1500	0.5 dB MAX	SMD
XT5005					THT
XT0006	-80 dB MIN @ 100 KHz, 4Vac	0.61 Ω MAX	1500	0.5 dB MAX	SMD
XT5006					THT
XT0007	-80 dB MIN @ 20 KHz, 4Vac	1.7 Ω MAX	1500	0.5 dB MAX	SMD
XT5007					THT
XT0008	-80 dB MIN @ 20 KHz, 4Vac	1.25 Ω MAX	1500	0.5 dB MAX	SMD
XT5008					THT

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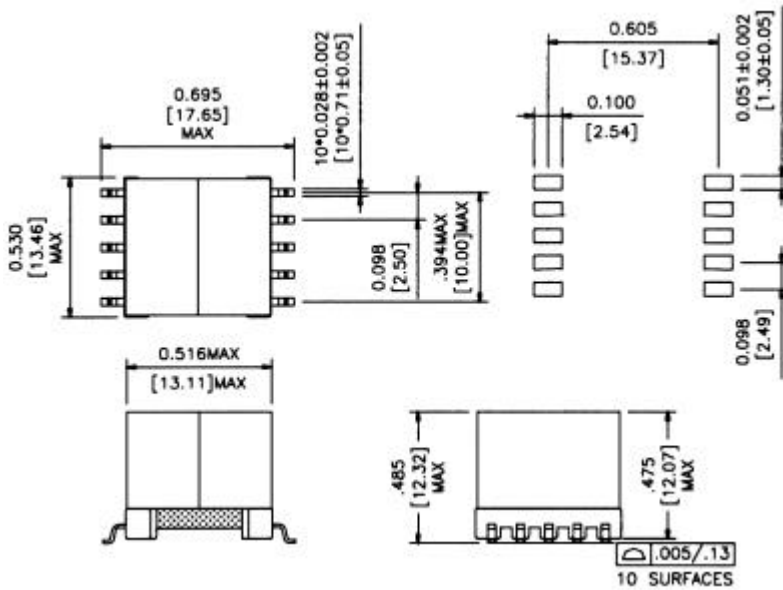
URL: <http://www.premo.es>

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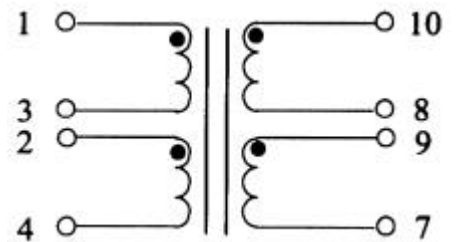
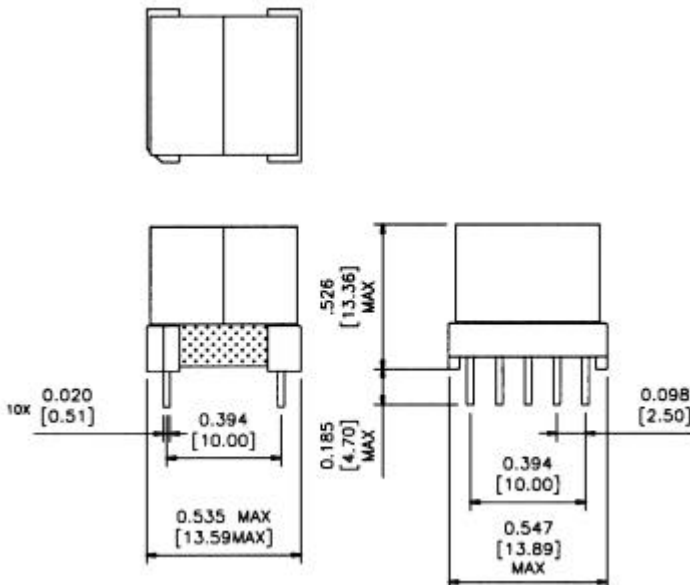
BAT004 (07/2000) Rev. A

DIMENSIONS XT0005 / XT0006 / XT0007 / XT0008



SCHEMATIC

DIMENSIONS XT5005 / XT5006 / XT5007 / XT5008



Data sheet subject to change without notice