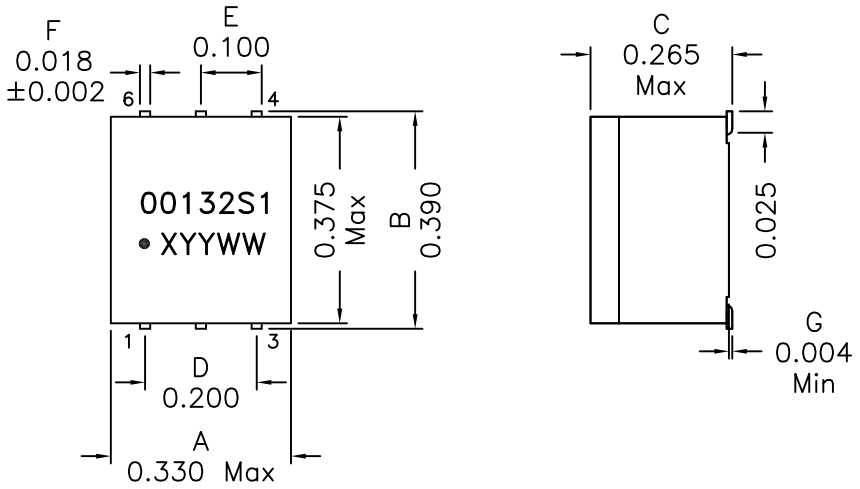
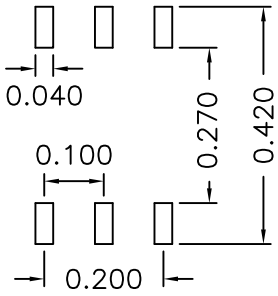
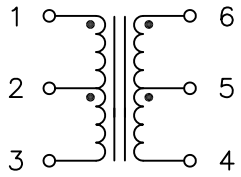
1. Mechanical Dimensions





SUGGESTED PCB LAYOUT

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1–3 1.02mH Typical @10KHz 100mV

Pins 1–3 660uH Min @10KHz 100mV

Q: Pins 1–3 8 Min @10KHz 100mV

DCR: Pins 1–3 0.600 Ohms Max

Pins 6–4 0.800 Ohms Max

Voltage Time: 18.4VuS

TURNS RATIO: (1–3:6–4)=1:1.33±3%

SRF: Pins 1–3 TBD KHz Min

ISOLATION: 2000Vac

Notes:

1. Solderability: Leads shall meet MIL–STD–202G, Method 208H for solderability.
2. Flammability: UL94V–0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. All listed parameters are to be within tolerance from –40C to +85C unless otherwise noted.
6. Storage Temperature Range: –55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/2

XFMRS Inc www.XFMRS.com	Title: MAX253 Transformer		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF0013–2S1		REV. A
	DWN.	Yuan	Sep–28–15
	CHK.	YK Liao	Sep–28–15
SHEET 1 OF 1	APP.	Joe Huff	Sep–28–15

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