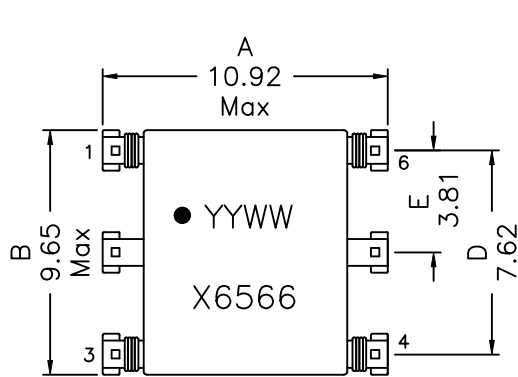
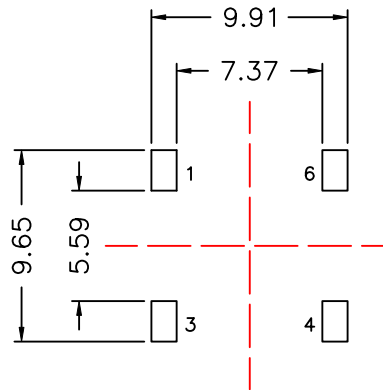
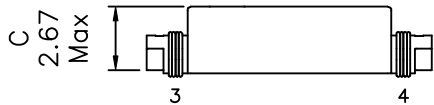


1. Mechanical Dimensions:

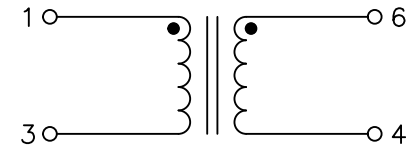


Top view



SUGGESTED FOOTPRINT

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 1–3 656uH Min @10KHz, 0.1V

OCL: Pins 1–3 500uH Min @10KHz, 0.1V at -40C

Q: Pins 1–3 5 Min @10KHz, 50mV

LL: Pins 1–3 1.3uH Max @100KHz, 0.1V Short Sec

CW/w: Pins 1–6 50pF Max @100KHz, 0.1V

DCR: Pins 1–3 1.03 Ohms Max

Pins 6–4 0.85 Ohms Max

ET: 23 Vusec Max

Turns Ratio: (1–3):(6–4)=1.250:1.000±1%

Hipot: 1650Vac, Pri to Sec

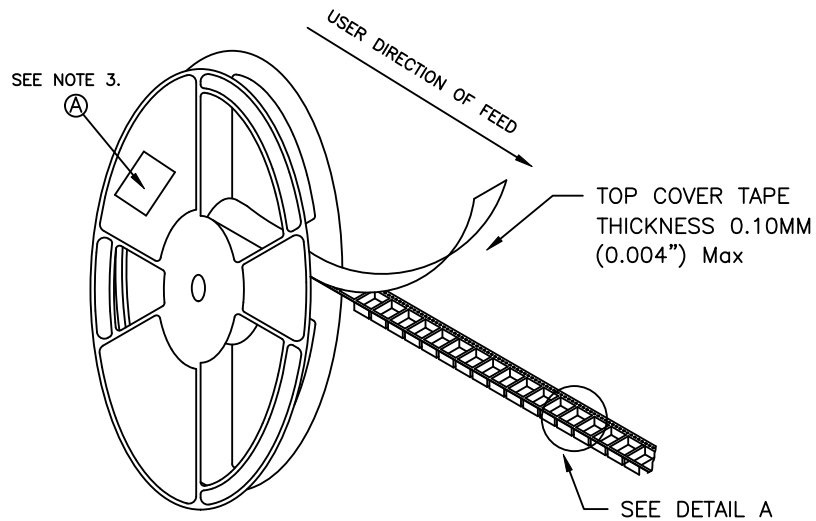
Notes:

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
11. Recommended IR Reflow peak temp of 250°C Max.

DOC. REV: A/5

XFMR5® www.XFMR5.com	Title: Gate Drive		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF6566-GD18	REV. A
SHEET 1 OF 1	DWN.	Yu	Nov-01-21
	CHK.	YK Liao	Nov-01-21
	APP.	TCH	Nov-01-21

TAPE AND REEL SPECIFICATION:



REEL AND TAPE ORIENTATION

13" REEL DIAMETER

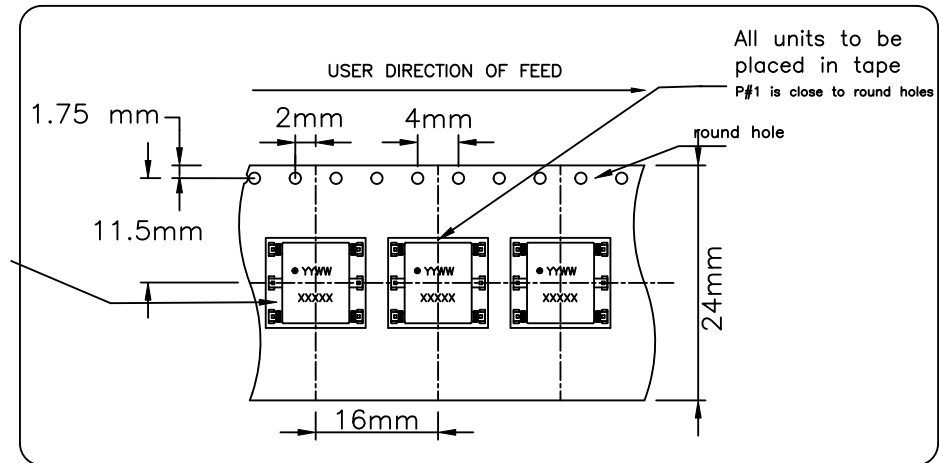
Details Marking
Refer to the
FG drawing

PRELIMINARY

NOTES:

- 1) PROCESS IN ACCORDANCE WITH EIA-481-2 STANDARDS
 - * TAPE LEADER DIMENSION 15.30" MIN.
 - * TAPE TRAILER DIMENSION 6.30" MIN.
- 2) PARTS SHOULD BE PACKAGED IN ACCORDANCE WITH ESD GUIDELINES IN EIA-541.
- 3) REEL LABEL: 'A' * PART NUMBER
 - * QUANTITY
 - * DATE CODE
- 4) 1500pcs PER 13" REEL

DETAIL A



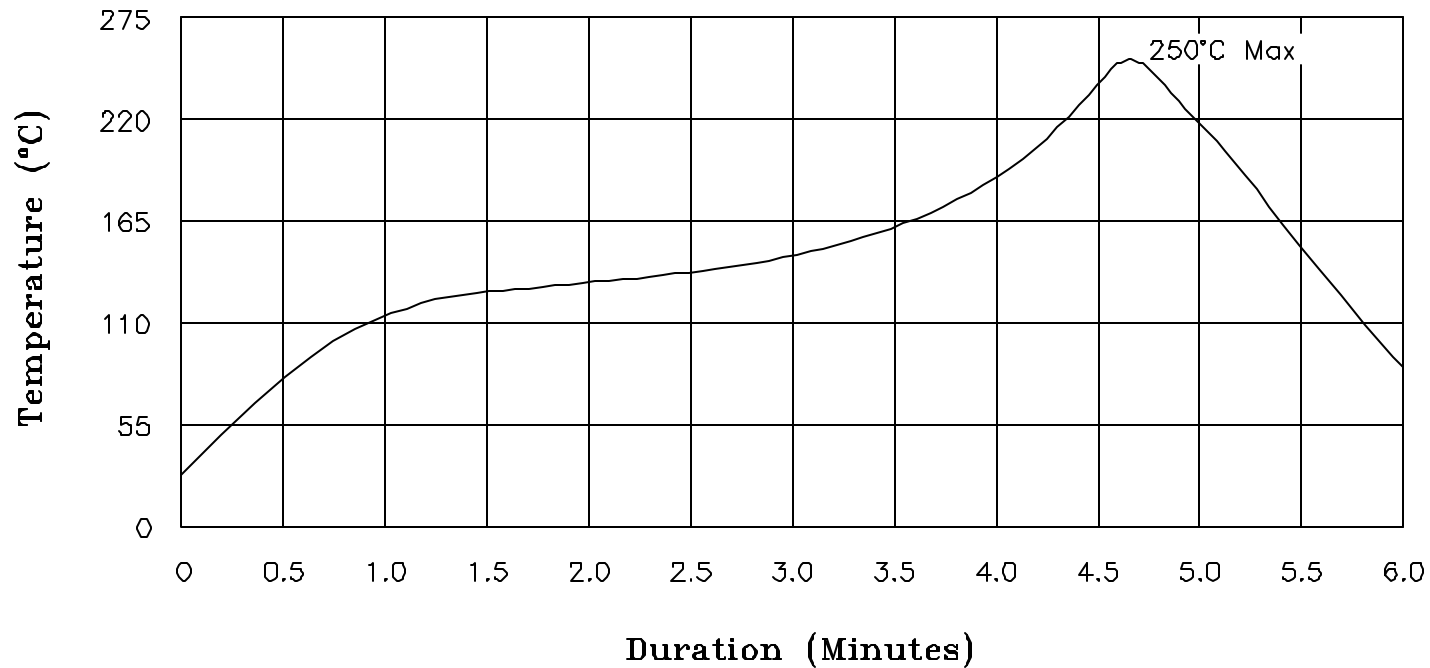
DOC REV: A/1

XFMRs® www.XFMRS.com UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxs ±x.xx Dimensions in mm SHT 1 OF 1	Title: T&R SPEC		
	P/N:XFxxxx-GD18 Series		REV: A
	DWN.	Kong	Jun-24-21
	CHK.	YK Liao	Jun-24-21
	APP.	GL	Jun-24-21

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XFMRs

Recommended Infrared Reflow Temperature Profile for Select Parts



NOTES: Maximum duration at 250°+0/-5° shall be 10-15 seconds.
 Maximum duration above 217° shall be 50-120 seconds.
 ALL Temperatures refer to topside of the package, measured on the package body surface.

XFMRs Inc www.XFMRs.com	Title: IR REFLOW CHART (250°C)			
	UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A		P/N: N/A	REV. A
	DWN.	Juan Mao	Dec-20-06	
	CHK.	YK Liao	Dec-20-06	
SHEET 1 OF 1	APP.	Joe Huff	Dec-20-06	