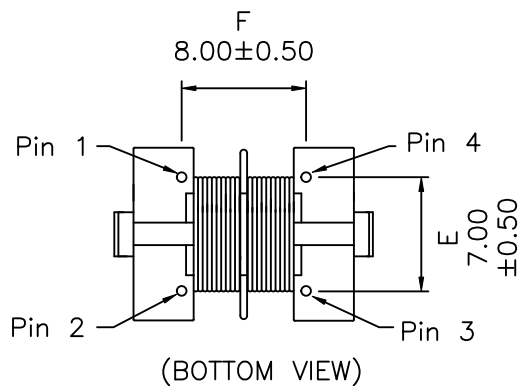
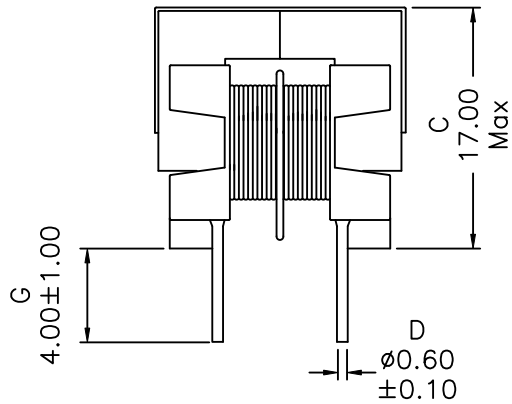
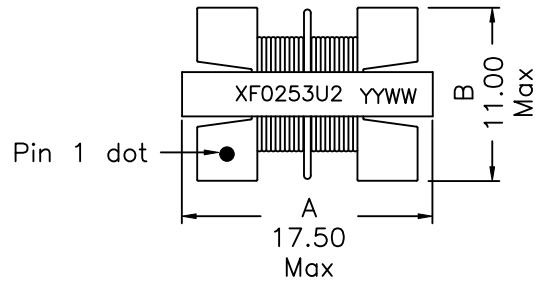
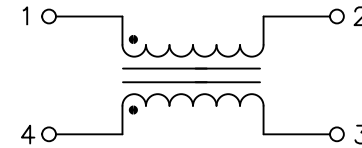


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

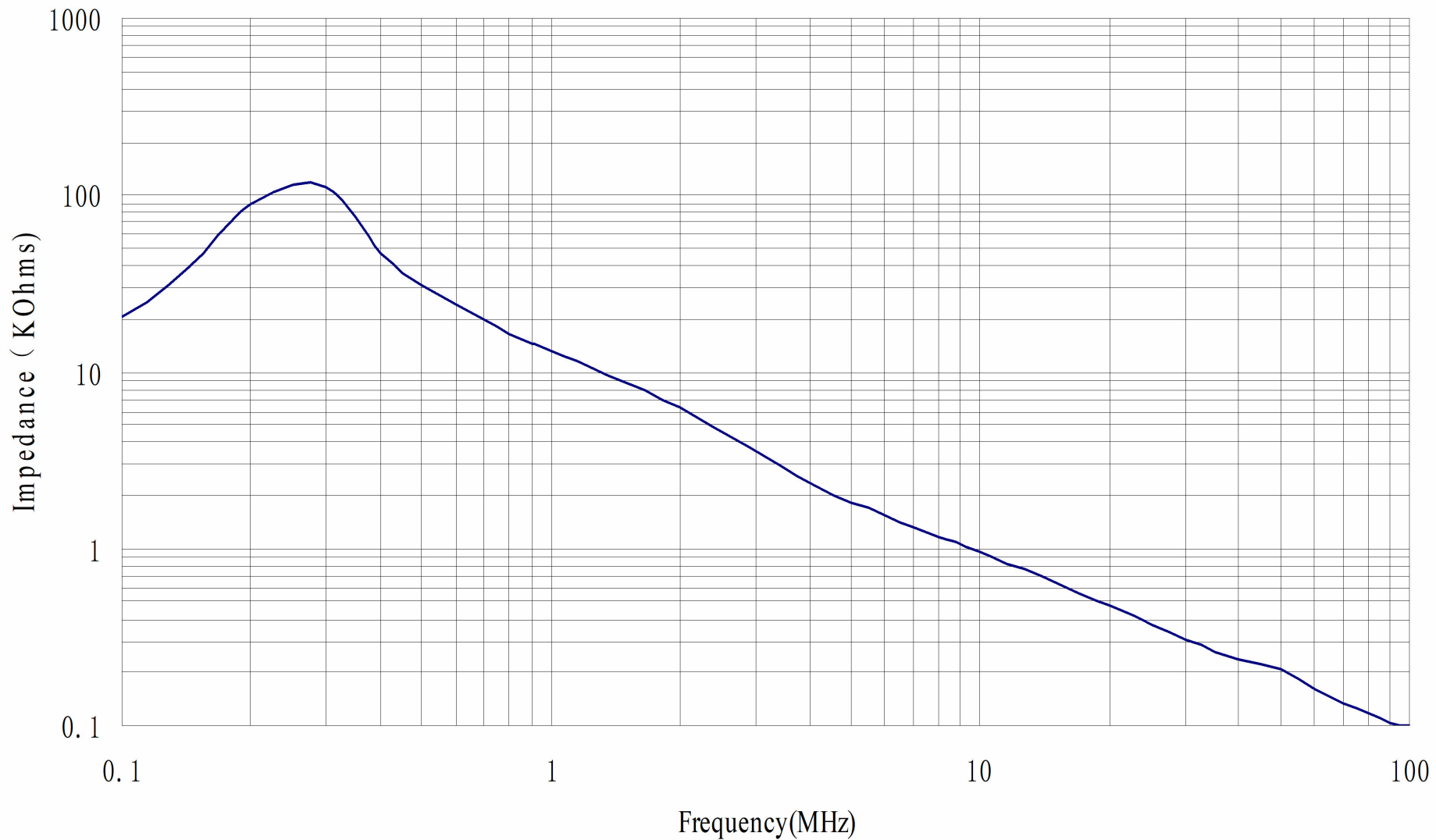
- OCL: 25mH $\pm 40\%$ @10KHz, 0.1V
- LL: Pins 1-2 375uH Max @100KHz 0.1V Short all else
- Q: Pins 1-2 30 Min @10KHz 0.1V
- SRF: Pins 1-2 100KHz Min
- DCR: 3.6 Ohms $\pm 15\%$ (each wdg)
- Rated Current: 250mA rms Max
- Turns Ratio: (1-2):(4-3) = 1:1 $\pm 1\%$
- Rated Voltage: 400VAC Max
- Isolation: 3000Vrms Wdg-Wdg for 2 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. Operating Temperature Range: -40°C to +125°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

XFMRs [®] www.XFMRs.com	Title: COMMON MODE CHOKE		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ± 0.25 Dimensions in MM	P/N: XF0253-00U2	REV. A
SHEET 1 OF 2	DWN.	Huo	Jan-13-21
	CHK.	YK Liao	Jan-13-21
	APP.	TCH	Jan-13-21

DOC. REV: A/4



DOC. REV: A/4

XFMRs® www.XFMRs.com	Title: COMMON MODE CHOKE		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM		P/N: XF0253-00U2 REV. A
SHEET 2 OF 2	DWN.	Huo	Jan-13-21
	CHK.	YK Liao	Jan-13-21
	APP.	TCH	Jan-13-21

PROPRIETARY

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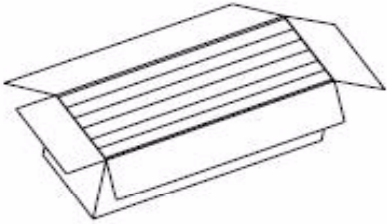
XFMRs

EXPENDABLE PACKAGING INFORMATION / QUALIFICATION FORM

CONCEPT

GENERAL INFORMATION		SUPPLIER INFORMATION	
Part Numbe:	XF1874-00U2	Company Name:	XFMRs
Part Description:	COMMON MODE CHOKE	Address Line 1:	UNIT G-J, 3/F, BLK 1, GOLDEN DRAGON IND CTR
Weight (lbs.):	0.0070 lbs.approx	State / ZIP:	152-160 TAI LIN PAI ROAD
Other:		Country:	HONG KONG, CHINA
		Program Manager:	Peggy Yiu
		Contact E-mail:	pyiu@xfmrs.com.hk
		Contact Phone:	852 2423 1689

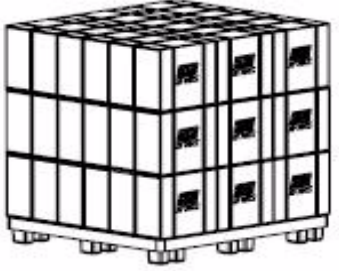
PRIMARY PACKAGING	
Packaging Type:	PVC plastic tube
Dimensions(cm):	L 60.8 W 2.35 H 1.35
Weight:	0.105 lbs. approx
QPC (Parts Per Tube)	54 pcs.
Total Weight w/parts:	0.49 lbs.
Banding / Shrink / Wrap:	BOPP Wrap
Other:	N/A



SECONDARY PACKAGING	
Packaging Type:	Paper Box
Dimnsions(cm):	L 64.0 W 20.0 H 9.5
Weight:	0.90 lbs.
Boxes per Unit Load:	1620 pcs.
Total weight w/Parts (lbs):	15.96 lbs.approx
Banding / Shrink / Wrap:	BOPP Wrap / PP Banding
Other:	N/A



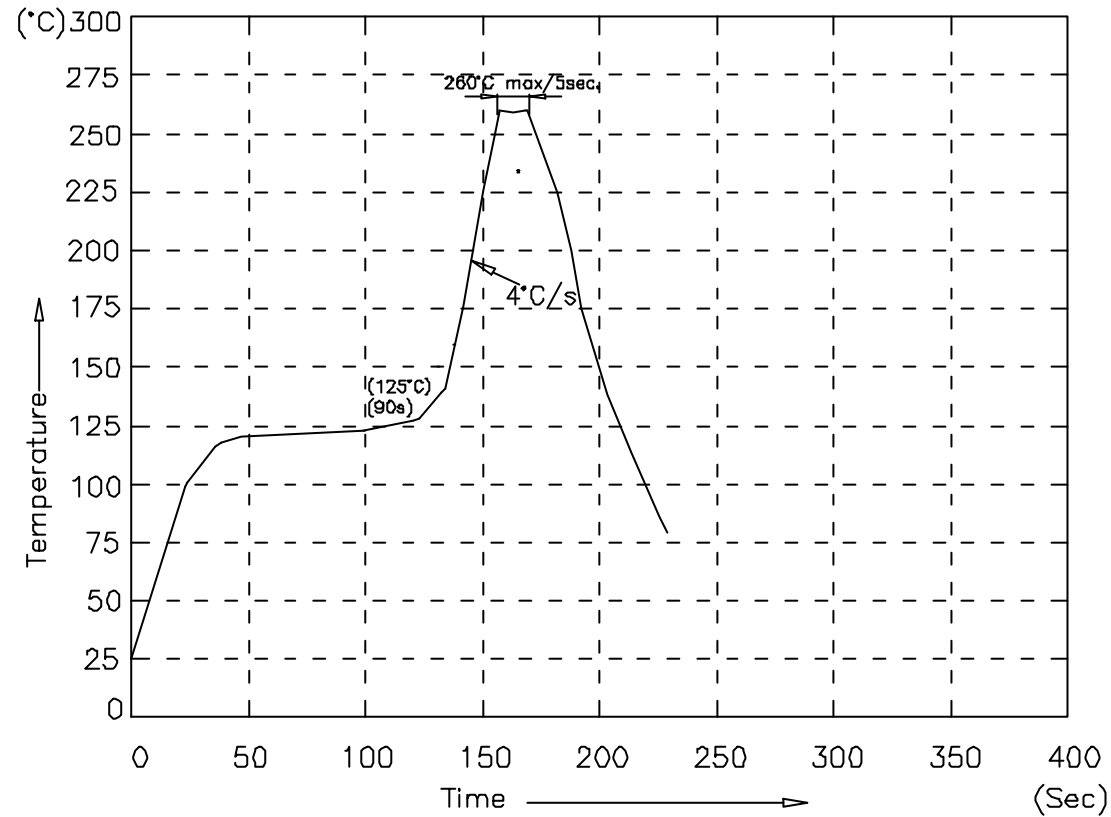
SHIPPING INFORMATION	
Packaging Type:	PE Pallet
Unit Load dims(cm):	L 120 W 100 H 65
Weight:	16.72 lbs.
Number of box Loads:	30 box.
Number of Parts:	48600 pcs.
Load weight total (lbs):	495.42 lbs.approx
Banding / Shrink / Wrap:	PE Shrink



PACKAGING APPROVAL					
Internal Document Manufacture / Q.A ./ Process Instructions	Drafted	Checked	Approved	Rev	Date
	Chenmei	Kong	Liao	A/1	Mar-02-20

XFMRs Ltd.

Recommended wave soldering profile
for Lead-free Through-hole component.



NOTE:

1. Recommend the wave temperature 245°C–260°C. The maximum soldering temperature should be less than 260°C
2. Do not apply stress on plastics when temperature is over 85°C
3. The soldering profile applies to the lead free soldering (Sn/Cu alloy).
4. No more than 1 cycle.

DOC. REV B

PROPRIETARY

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XFMRs Inc. www.XFMRs.com	Title: Soldering profile			
	UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A		P/N: TH component	
SHEET 1 OF 1	REV. B	DWN.	Juan Mao	Jan-20-07
		CHK.	YK Liao	Jan-20-07
		APP.	BW	Jan-20-07