TSX-3225

Product name TSX-3225 27.120000 MHz 12.0 +10.0-10.0 Product Number / Ordering code X1E0000210502xx

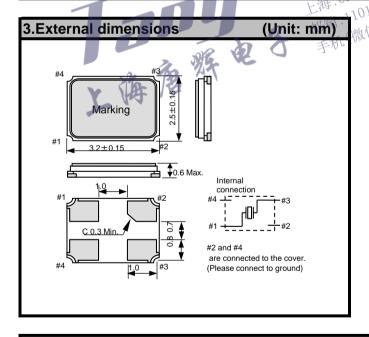
Please refer to the 5.Packing information about xx (last 2 digits)

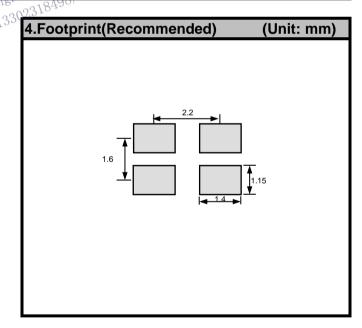
Pb free / Complies with EU RoHS directive

Reference weight Typ. 17 mg

1.Absolute maximum ratings						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Storage temperature	T_stg	-40	-	+125	ô	Storage as single product
Operating temperature	T_use	-40	-	+105	လူ	

2.Specifications(characteristics)						
Parameter	Symbol	Min.	Тур.	Max.	Unit	Conditions / Remarks
Nominal frequency	f_nom	_	27.120000	_	MHz	Fundamental
Frequency tolerance	f_tol	-10	-	+10	x 10- ⁶	@+25°C
Frequency Stability over temperature	f_tem	-10	-	+10	x 10 ⁻⁶	-20°C to +75°C
Operating temperature	T_use	-20	-	+75	°C	八百
Level of drive	DL	10	100	200	μW	D m
Load capacitance	CL	_	12	4	pF	CO. LIVE
Motional resistance (ESR)	R1	-	一框	40	PCS	5-2656044. Sh. CII
Motional capacitance	C1	· Ki	3.54	ET-ECT	KO . [FIII]:0	(55 / talif. 551 / 15802186 / 102
Motional inductance	45	上海	9.73	3 -3855	mH sh.	cn 77416243/1
Shunt capacitance	CO	ING	1.25 055	157150	OtapF ₀₁₉	8/1361
Frequency aging	f_age	SHALLO	1-571550	h. c41	x10 ⁻⁶ /yea	@+25°C, First year
上海·S1101@talls 13302318490						





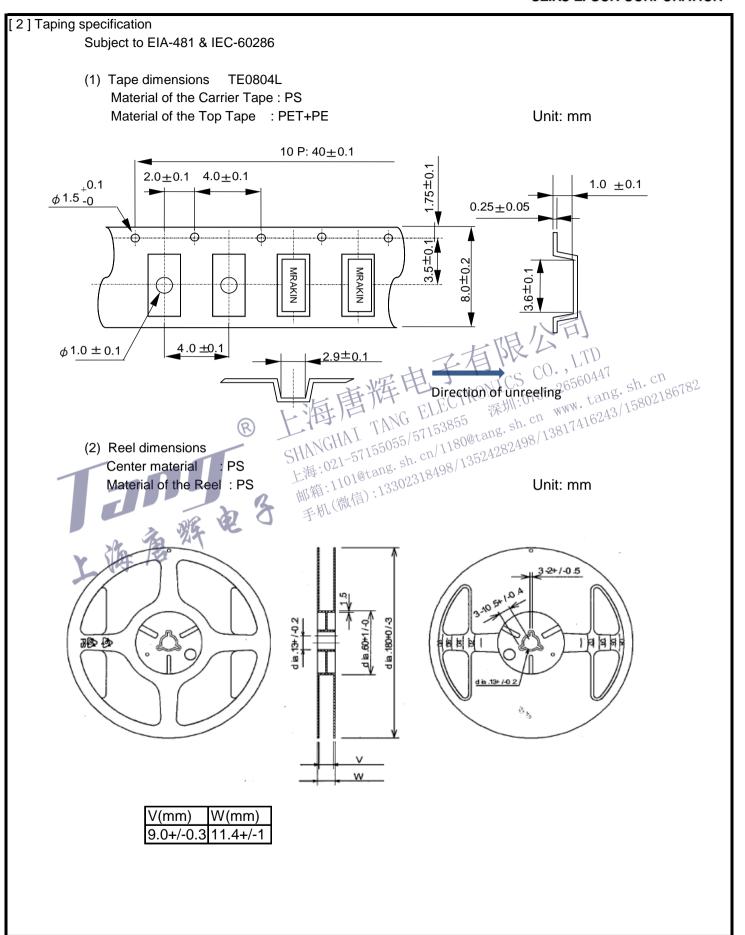
5.Packing information

[1]Product number last 2 digits code (xx) description

The recommended code is "17"

X1E0000210502xx

Code	Condition	Code	Condition
01	Any Q'ty vinyl bag(Tape cut)	00	2000pcs / Reel
11	Any Q'ty / Reel	16	3000pcs / Reel
12	250pcs / Reel	17	4000pcs / Reel
14	1000pcs / Reel		



15802186785

6.Reflow profile Reflow condition (Follow of JEDEC STD-020D.01) Temperature [°C] 300 TP : +260 °C +255 °C tp:20 s to 40 s 250 Avg. Ramp-up 3 °C / s Max. <u>; +217 °C</u> Ramp-down 6 °C / s Max. 60 s to 150 s Ts max; +200 °C 200 (+217 °C over) Ts min ; +150 °C 150 60 s to 180 s (+150 °C to +200 °C) 100 50 Time +25 °C to Peak

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120

180

240

300

360

420

480

540

600

660

720 780 Time [s]

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