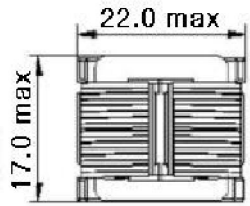
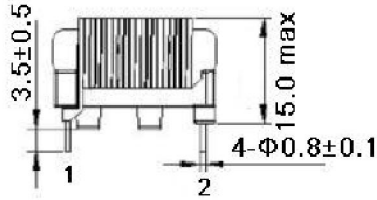


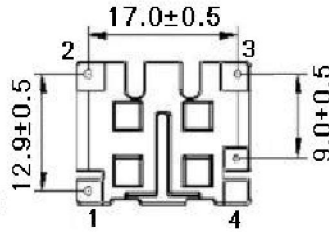
SQ1515H SERIES



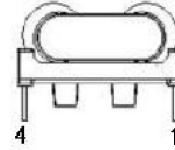
TOP VIEW



SIDE VIEW



BOTTOM VIEW



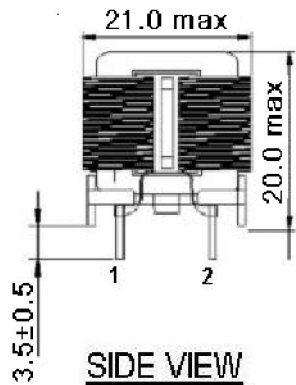
SIDE VIEW

SQ1515 SERIES (V : VERTICAL / H : HORIZONTAL)

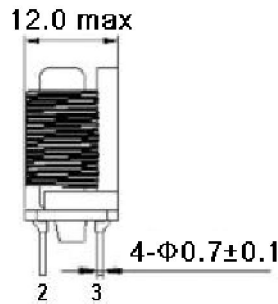
Part Number	Inductance (mH) (@1KHz, 0.25Vrms)	DCR(mΩ) MAX.	Irms(A) MAX.
SQ1515V/H-5mH	5	35	5
SQ1515V/H-10mH	10	45	4
SQ1515V/H-15mH	15	70	3
SQ1515V/H-20mH	20	115	3
SQ1515V/H-25mH	25	200	1.5
SQ1515V/H-30mH	30	300	1

- Operating current : the actual value of DC current when the temperature rise is $\Delta T40^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$)
- RoHS COMPLIANT

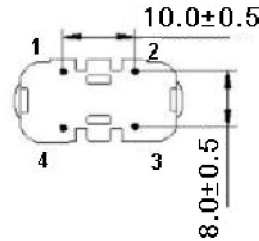
SQ1515V SERIES



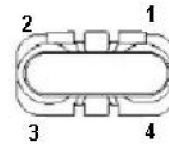
SIDE VIEW



SIDE VIEW



BOTTOM VIEW

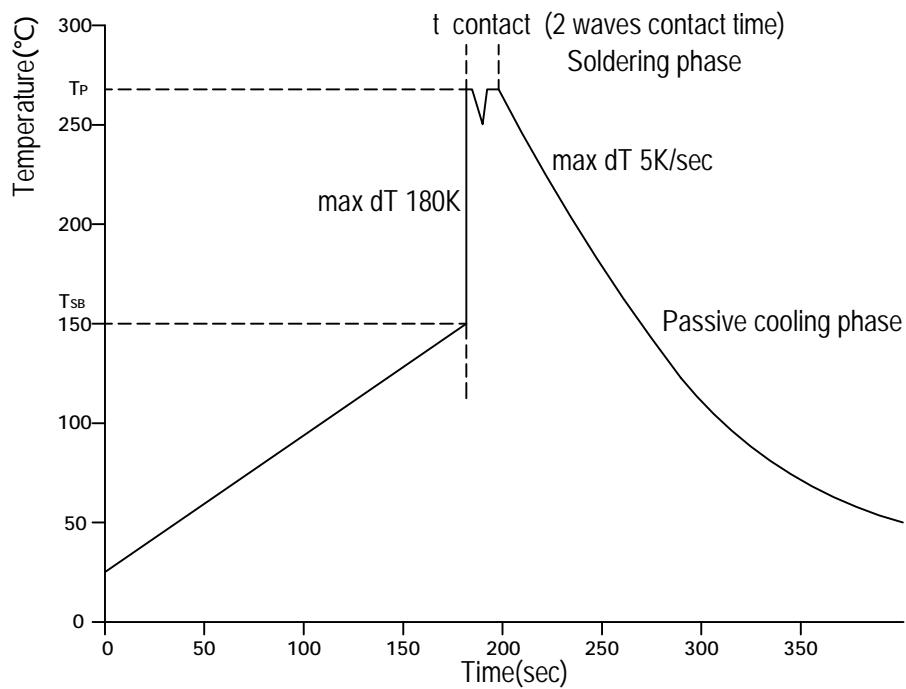


TOP VIEW

								TITLE	
								EMC COMPONENT	
								DWG. NO.	
								SQ1515 SERIES	
A	RELEASE	06/27/2024	SHIRLEY	RuRu	RuRu	UNITS:	SAFETY	SHEET 1 of 1	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	M/M			DRAW
REVISIONS						06/27/2024		SHIRLEY	



Resistance to soldering heat (wave soldering)



Resistance to soldering heat (wave soldering) referring to the terminals

Key	Par.	Profile feature	Pb free Process
T.1	T_{sb}	Final Preheat Temperature	150°C
T.2	t pre-heat	Pre-heating time (T_{room} to T_{sb})	180sec
T.3	d_T/dt up	Ramp-Up Rate (T_{sb} to T_p)	180°C/sec
T.4	T_p	Peak Temperature T_p	255°C ~ 265°C
T.5	t contact	Contact Time at Peak	10sec (5sec x wave)
T.6	d_T/dt down	Ramp-Down Rate	5°C/sec

Failure criteria concerning quality of the soldering termination acc. to the IPC-A-610D