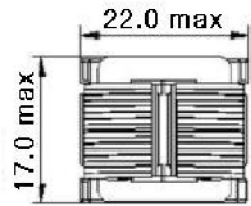
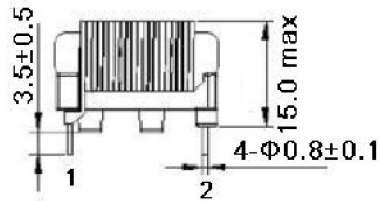


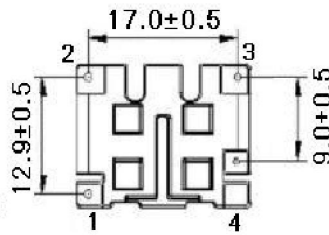
SQ1515H SERIES



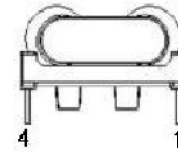
TOP VIEW



SIDE VIEW



BOTTOM VIEW



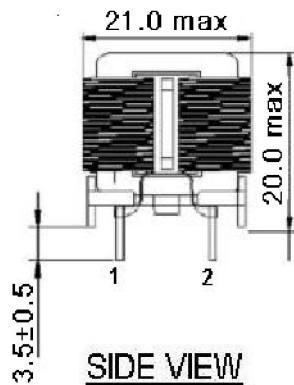
SIDE VIEW

SQ1515 SERIES (V : VERTICAL / H : HORIZONTAL)

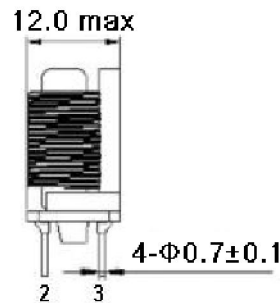
Part Number	Inductance (mH) (@1KHz, 0.25Vrms)	DCR(mΩ) MAX.	Irms(A) MAX.
SQ1515V/H-5mH	5	35	4
SQ1515V/H-10mH	10	45	3
SQ1515V/H-15mH	15	70	2.8
SQ1515V/H-20mH	20	115	1.5
SQ1515V/H-25mH	25	200	1.2
SQ1515V/H-30mH	30	300	1

- 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

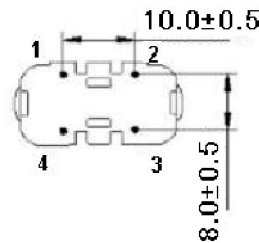
SQ1515V SERIES



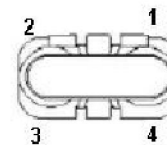
SIDE VIEW



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			
						DATE	P/N:	DRAW	
REVISIONS						06/27/2024		SHIRLEY	

AOEM

UNITS:
M/M

SAFETY

DATE
06/27/2024

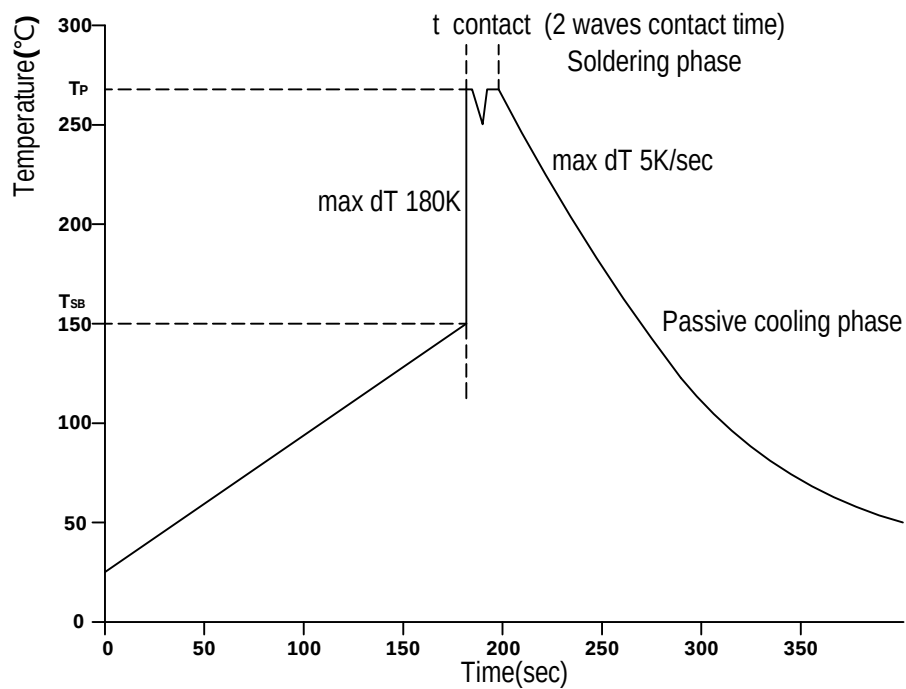
P/N:

SHEET 1 of 1

DRAW
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 /d _t 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 /d _t down	Ramp-Down Rate	5°C/sec
Failure criteria concerning quality of the soldering termination acc. to the IPC-A-610D			