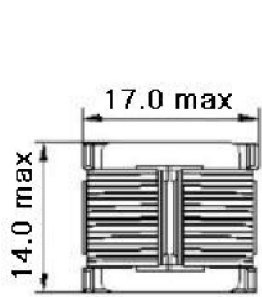
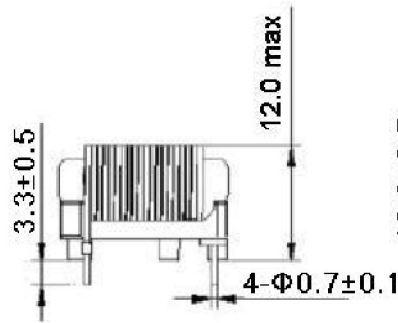


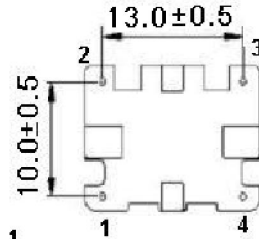
### SQ1212H SERIES



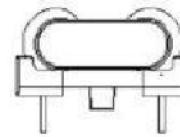
TOP VIEW



SIDE VIEW



BOTTOM VIEW



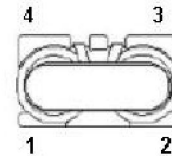
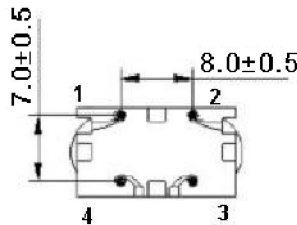
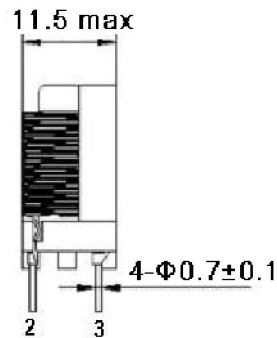
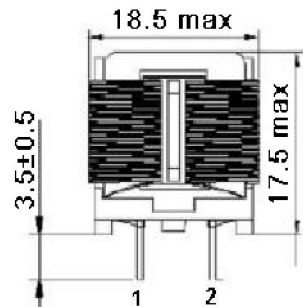
SIDE VIEW

### SQ1212 SERIES (V : VERTICAL / H : HORIZONTAL)

Part Number	Inductance (mH) (@1KHz, 0.25Vrms)	DCR(mΩ) MAX.	I <sub>rms</sub> (A) MAX.
SQ1212V/H-5mH	5	65	2
SQ1212V/H-10mH	10	105	1.5
SQ1212V/H-15mH	15	150	1.5
SQ1212V/H-20mH	20	210	1
SQ1212V/H-25mH	25	210	1
SQ1212V/H-30mH	30	210	1

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

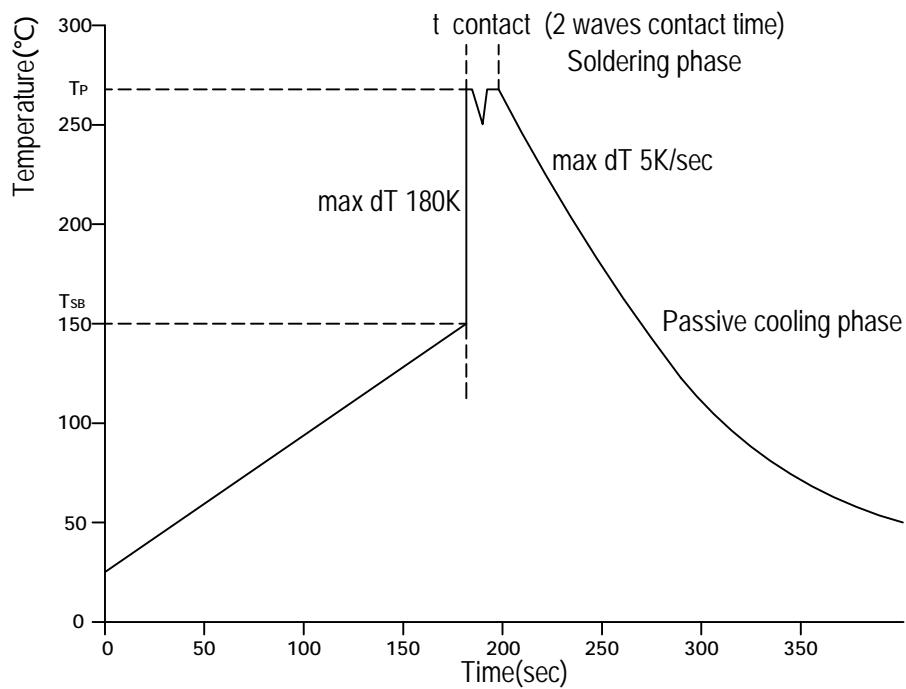
### SQ1212V SERIES



								TITLE	
								EMC COMPONENT	
								DWG. NO.	
								SQ1212 SERIES	
A	RELEASE	06/27/2024	SHIRLEY	RuRu	RuRu	UNITS:	SAFETY	SHEET 1 of 1	
						M/M			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	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	$d_T/d_t$ 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