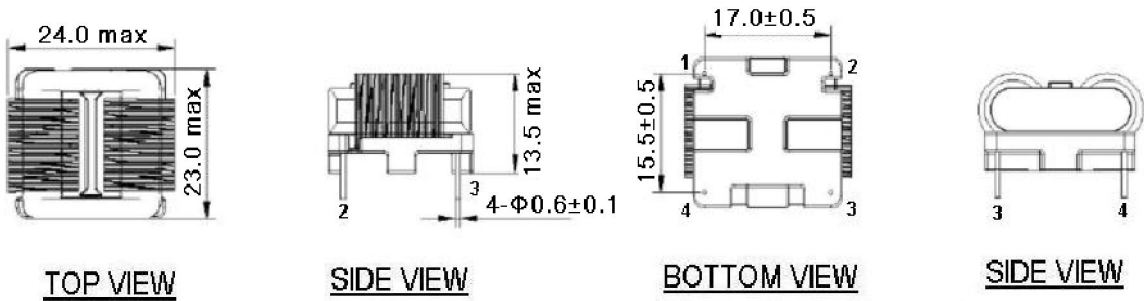


SQ1918H SERIES

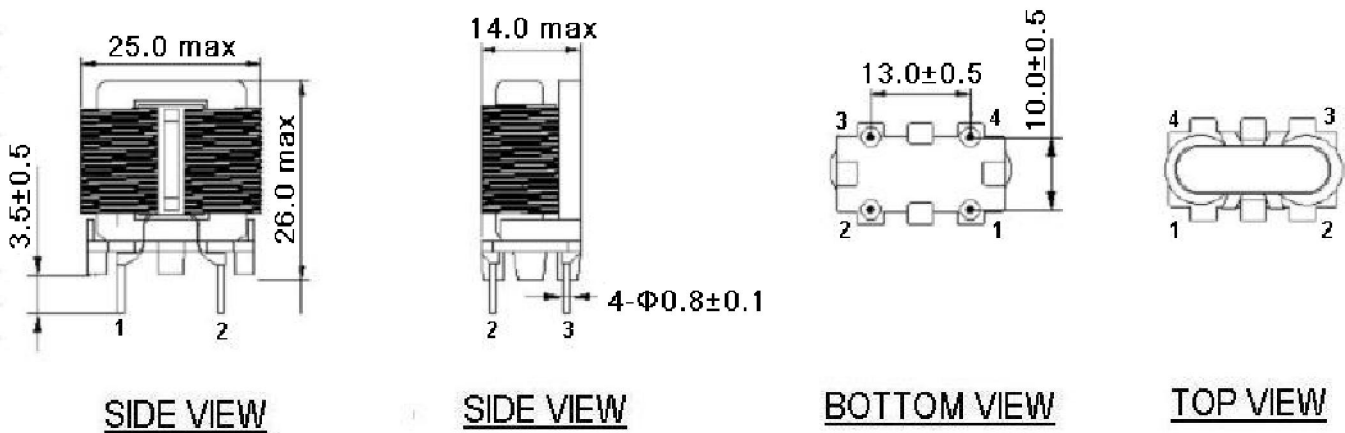


SQ1918 SERIES (V : VERTICAL / H : HORIZONTAL)

Part Number	Inductance (mH) (@1KHz, 0.25Vrms)	DCR(mΩ) MAX.	Irms(A) MAX.
SQ1918V/H-2mH	2	25	5.5
SQ1918V/H-5mH	5	30	4.5
SQ1918V/H-10mH	10	65	3
SQ1918V/H-15mH	15	85	2.5
SQ1918V/H-20mH	20	140	1.5
SQ1918V/H-25mH	25	280	1

1. Operating current : the actual value of DC current when the temperature rise is ΔT40°C (Ta=25°C)
2. RoHS COMPLIANT

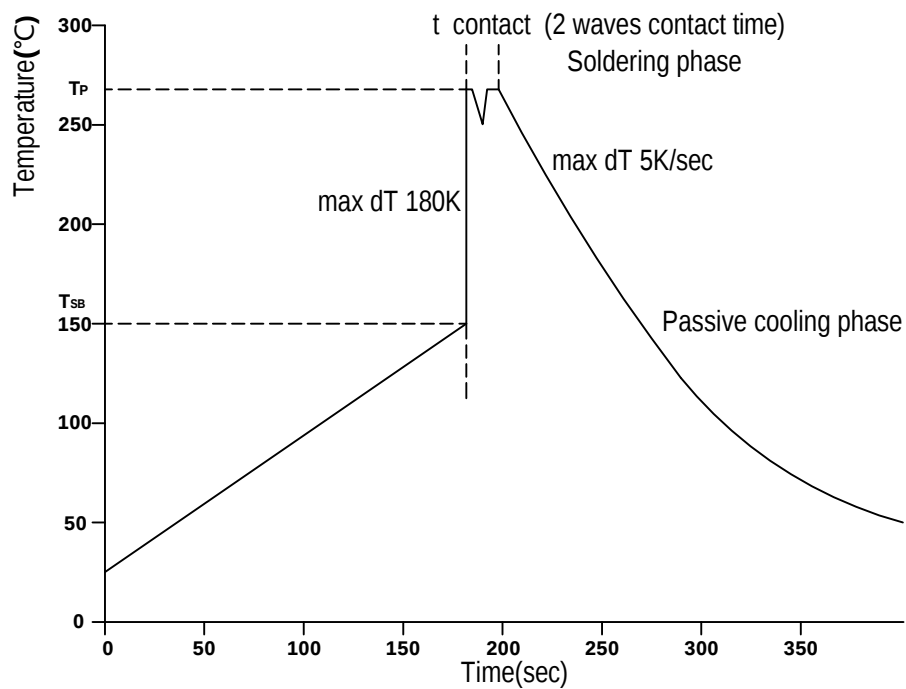
SQ1918V SERIES



						AOEM.		TITLE	
								EMC COMPONENT	
								DWG. NO.	
								SQ1918 SERIES	
A	RELEASE	06/27/2024	SHIRLEY	RuRu	RuRu	UNITS: M/M		SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE		P/N:	
REVISIONS						06/27/2024		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 _r /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 _r /d _t down	Ramp-Down Rate	5°C/sec
Failure criteria concerning quality of the soldering termination acc. to the IPC-A-610D			