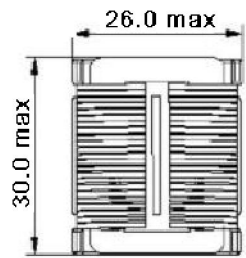
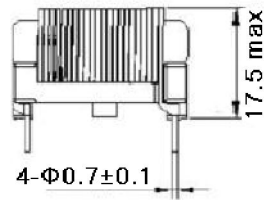


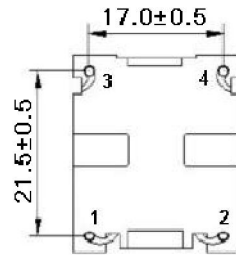
SQ2418H SERIES



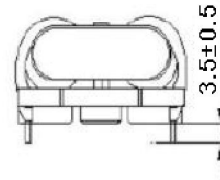
TOP VIEW



SIDE VIEW



BOTTOM VIEW



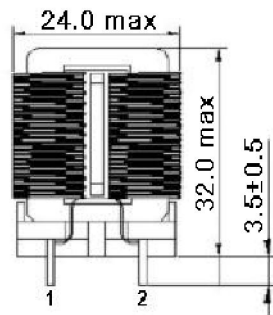
SIDE VIEW

SQ2418 SERIES (V : VERTICAL / H : HORIZONTAL)

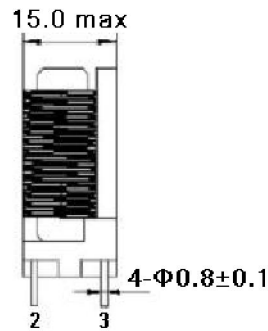
Part Number	Inductance (mH) (@1KHz, 0.25Vrms)	DCR(mΩ) MAX.	Irms(A) MAX.
SQ2418V/H-3mH	3	25	9
SQ2418V/H-5mH	5	40	6
SQ2418V/H-10mH	10	65	5
SQ2418V/H-15mH	15	90	4
SQ2418V/H-20mH	20	130	3
SQ2418V/H-25mH	25	130	3

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

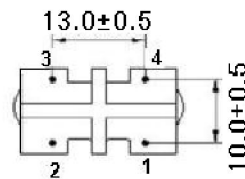
SQ2418V SERIES



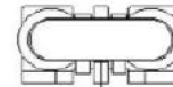
SIDE VIEW



SIDE VIEW



BOTTOM VIEW



TOP VIEW

								TITLE	
								EMC COMPONENT	
								DWG. NO. SQ2418 SERIES	
A	RELEASE	06/27/2024	SHIRLEY	RuRu	RuRu	UNITS: M/M	SAFETY		SHEET 1 OF 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 06/27/2024	P/N:	DRAW SHIRLEY	
REVISIONS									

AOEM

UNITS:
M/M

SAFETY

DATE
06/27/2024

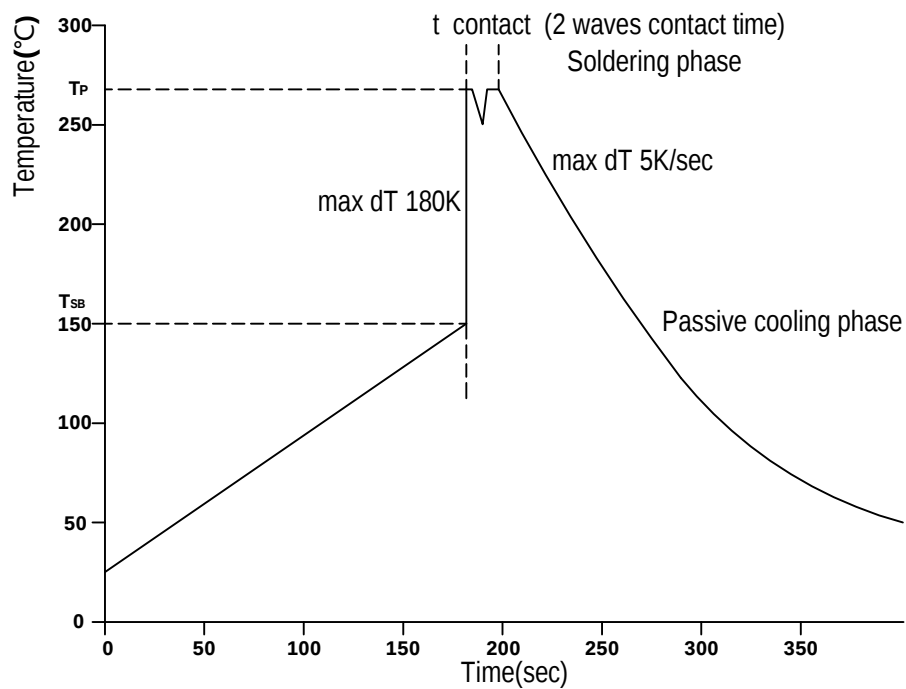
P/N:

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			