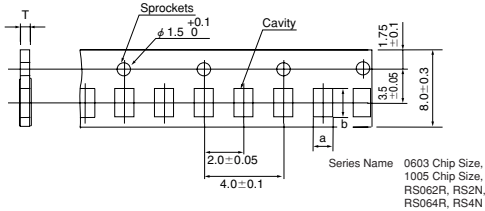
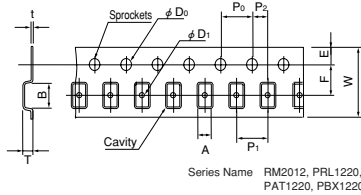


# Tape Specification (Dimension: mm)

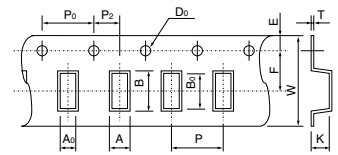
## Tape dimensions (2mm pitch paper tape)



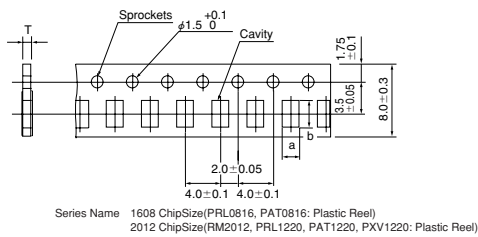
## Plastic Tape (2012 ChipSize)



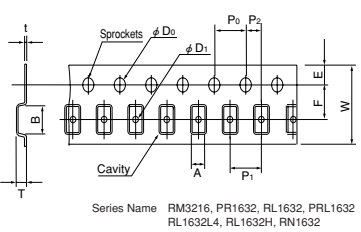
## Plastic Tape (RL3720, RL7520)



## Tape dimensions (4mm pitch paper tape)



## Plastic Tape (3216 ChipSize)

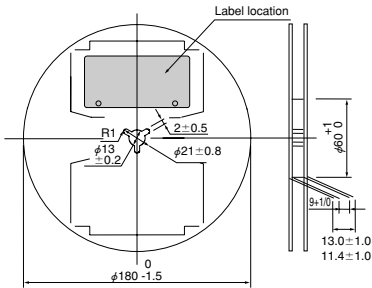


Code	Dimension Specification	
	2012	3216
A	1.6±0.2	2.0±0.2
B	2.4±0.2	3.6±0.2
W	8.0±0.3	8.0±0.3
F	3.5±0.05	3.5±0.05
E	1.75±0.1	1.75±0.1
P0	4.0±0.1	4.0±0.1
P1	4.0±0.1	4.0±0.1
P2	2.0±0.05	2.0±0.05
D0	1.55±0.05	1.55±0.05
D1	—	1.05±0.05
T	≤1.5	≤1.5
t	≤0.3	≤0.3

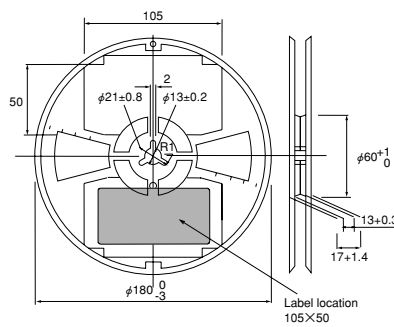
Code	Dimension Specification	
	RL3720	RL7520
A	2.6±0.2	2.6±0.2
A0	2.4±0.1	2.4±0.1
B	4.45±0.2	8.2±0.2
B0	4.25±0.2	8.0±0.2
E	1.75±0.1	1.75±0.1
F	5.5±0.05	7.5±0.1
W	12.0±0.2	16.0±0.3
D0	φ1.55±0.05	φ1.55±0.05
K	0.7±0.1	0.7±0.1
T	0.3±0.05	0.3±0.05
P0	4.0±0.1	4.0±0.1
P1	4.0±0.1	4.0±0.1
P2	2.0±0.05	2.0±0.1

# Reel Specification (Dimension: mm)

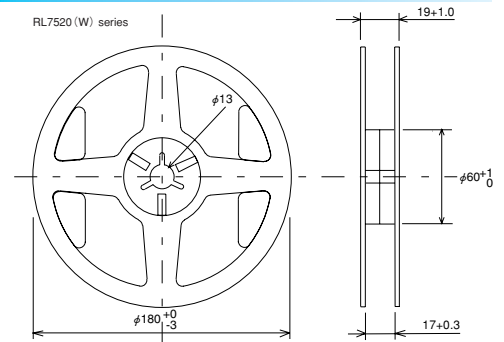
RG series, RGH series, RM series, RR series, TFL series, HPL series, RT series, HTC series, RP series, RL0510,0816,1220, RS series, PAT series



RL3720 (W) series



RL7520 (W) series



# Power Derating

## Rated Power

The maximum load power is calculated by multiplying the rated power with the ratio derived from the power derating curve

## Rated voltage

The rated voltage is the corresponding voltage of DC or AC (commercially used frequency) current to the rated power given by:

$$E = \sqrt{R \times P}$$

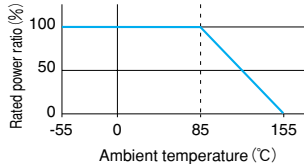
E: Rated voltage (V)  
P: Rated power (W)  
R: Rated resistance (Ω)

## Rated current

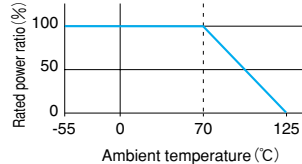
The DC current that increases the temperature by 20°C with inductance. If the ambient temperature exceeds 70°C, the current should be derated according to the power derating curve below.

$$(\text{Power}) = (\text{Current})^2 \times (\text{Resistance})$$

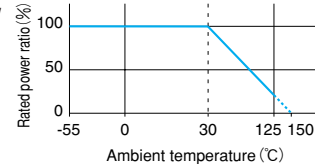
RG, RM, RGH series



RR series, PRR series, RT series, RN-RA series, PFR-GFR series, RS series, RL0510-0816-1220-3720-3720W, PRL series, PAT series, RAT1010, P\*V series, PS series, BL-CL-CL series, HPL0603-0510, TFL0510-0816

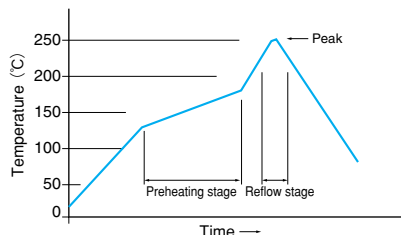


RL7520W



# Recommended Reflow

## Recommended reflow temperature profile



## Part's surface temperature

Pre-heat	130~180°C	60~90sec.
reflow	Over 220°C	30~90sec.
peak temperature	240~250°C	within 10sec.

● Solder composition : Sn-Ag-Cu solder

● Repetition : up to 2 times (Cooling between the two reflow is required.)