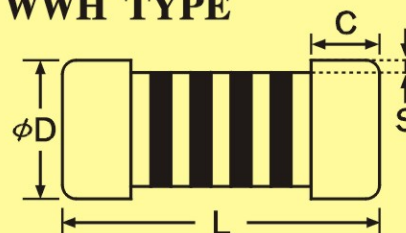




WWH TYPE

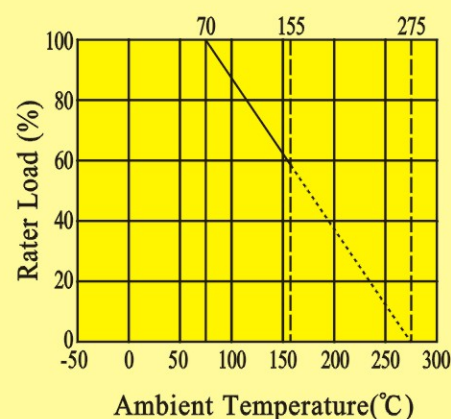


Coating color: Green.
塗裝色：綠色

Dimensions:

Type	Size	Dimensions (mm)				
		L±0.3	C±0.3	D±0.3	E±0.3	S±0.3
WWH-1/2W	0207	6.5	1.8	2.7	2.9	0.3
WWH-1W	0309	9.5	2.2	3.6	4.8	0.4
WWH-2W	0411	11.2	2.6	4.7	6.0	0.5
WWH-3W	0515	15.2	2.6	5.3	10.0	0.5

Derating Curve (功率衰減曲線)



General Specifications (規格) :

Type	Size	Power Rating	Resistance Range	Tolerance	R.T.C.	Operating TEMP. Range	Rating TEMP.
WWH-1/2W	0207	0.5W	5Ω~50Ω	±1% or ±2% or ±5%	±100ppm/°C	-55%~+200°C	+70°C
WWH-1W	0309	1W	5Ω~82Ω				
WWH-2W	0411	2W	5Ω~120Ω				
WWH-3W	0515	3W	5Ω~300Ω				

* : Special high or low value on request.

* : 特殊高或低阻值電阻器請洽詢。

Characteristics

Item	Characteristics	Test Method
1. Temperature Coefficient 溫度系數	$\pm 100\text{ppm}/^\circ\text{C}$	$+25^\circ\text{C} \sim +125^\circ\text{C}$
2. Short time overload 短時間過負載	$\pm 1\%$	Power Rating $\times 10$ for 5 sec.
3. Solderability 焊接性	90% Coverage/Min	$235^\circ\text{C} \pm 5^\circ\text{C}$, 2 sec ± 0.5 sec
4. Resistance to soldering heat 焊接耐熱性	$\pm 2\%$	$260^\circ\text{C} \pm 5^\circ\text{C}$, 5 sec ± 1 sec
5. Load Life in Humidity 耐濕負載	$\pm 5\%$	$40^\circ\text{C} \pm 2^\circ\text{C}$, 90%~95% RH, 1000h, 1.5h "on"/0.5h "off" cycle
6. Load Life 壽命負載	$\pm 5\%$	$70^\circ\text{C} \pm 2^\circ\text{C}$, 1000h, 1.5h "on"/0.5h "off" cycle
7. Bending test 端子強度	$\pm 1\%$	Holding point width 90mm, Bending 5mm, 1 time
8. Non-Combustibility 不燃性	No evidence of flaming	The resistors shall withstand Overload test in accordance With Article UL-94, V-0 without producing a fire hazard.

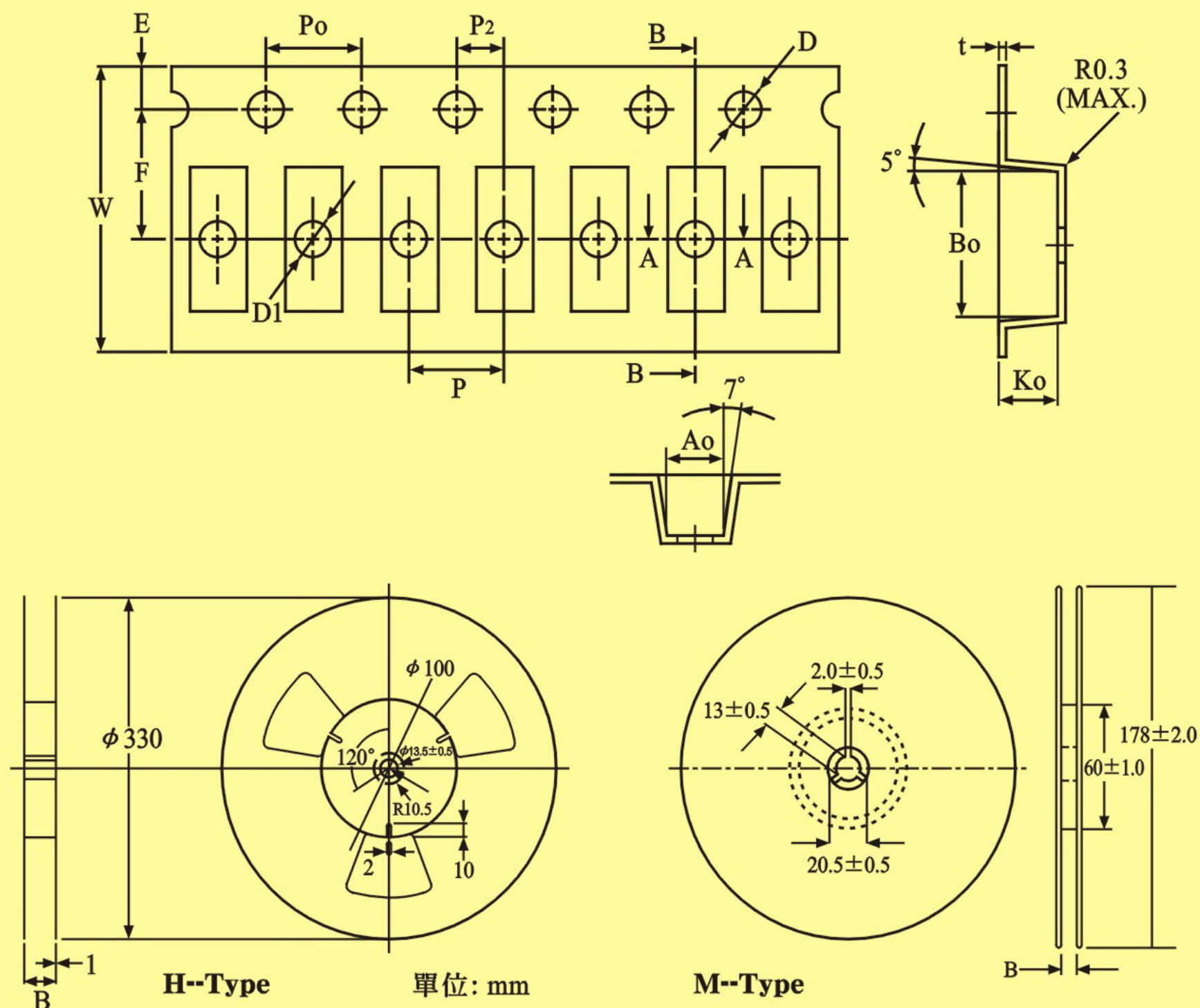
Classification

<u>WWH</u>	<u>1/2WS</u>	<u>10Ω</u>	<u>J</u>	<u>T</u>
STYLE	POWER	RESISTANCE	TOLERANCE	PACKING
			J=5%	T=Tape/Reel
			G=2%	B=Bulk
			F=1%	

Packaging

Size	Size	TAPE	BULK	CARTON
WWH-1/2W	0207	2500pcs	4000pcs	40000pcs
WWH-1W	0309	2000pcs	2000pcs	20000pcs
WWH-2W	0411	1500pcs	1000pcs	10000pcs
WWH-3W	0515	NON	500pcs	5000pcs

MELF Type Packaging Specification (無腳電阻器包裝明細)



Type	H-Type		M-Type	
SIZE	0411	0309	0207	0204
W	24.00±0.30	16.00±0.30	12.00±0.10	8.00±0.10
P	8.00±0.10	8.00±0.10	4.00±0.10	4.00±0.10
E	1.75±0.10	1.75±0.10	1.75±0.10	1.75±0.10
F	11.5±0.10	7.50±0.10	5.50±0.05	3.50±0.05
P2	2.00±0.10	2.00±0.10	2.00±0.05	2.00±0.05
D	1.50±0.10	1.50±0.10	1.50±0.10	1.50±0.10
D1	1.50±0.10	1.50±0.10	1.50±0.10	1.00±0.10
Po	4.00±0.10	4.00±0.10	4.00±0.10	4.00±0.10
B	24.00±0.5	16.00±0.50	12.00±0.50	8.00±0.50
Ao	4.20±0.10	3.30±0.10	2.40±0.10	1.60±0.10
Bo	10.00±0.10	8.15±0.10	6.05±0.10	3.70±0.10
Ko	4.20±0.10	3.35±0.10	2.50±0.10	1.65±0.10
t	0.35±0.05	0.35±0.05	0.30±0.05	0.22±0.05