

Large-Current Choke Coils

R·PI Series

[RoHS Compliant]



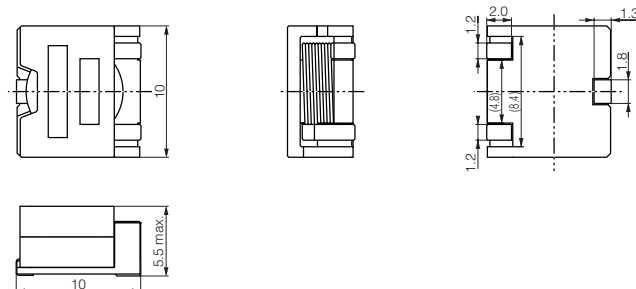
• Precautions (see page 93)

Model	Inductance (μH) at DC 0A, 100kHz	DC resistance ($\text{m}\Omega$) max.	Rated current (A) I_{rms} *1 (Ref.)	I_{sat} *2 (Ref.)
R·PI-1055-R36	0.3 \pm 30%	2.0 (1.4)	28.0	26.0
R·PI-1055-0R5	0.5 \pm 20%	2.3 (1.7)	26.0	25.0
R·PI-1055-0R7	0.7 \pm 30%	2.4 (1.8)	20.0	18.0

*1 $T=40\text{K}$ rise at rated current. *2 Inductance drop 20% at rated current.

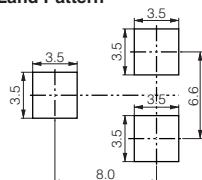
● Operating temperature range : $-20\text{to}+120^{\circ}\text{C}$ (Includes self-temperature rise)

Shape and Dimensions



[mm]

Recommended Land Pattern



[mm]

Numbering System

R·PI - 1055 - 0R7

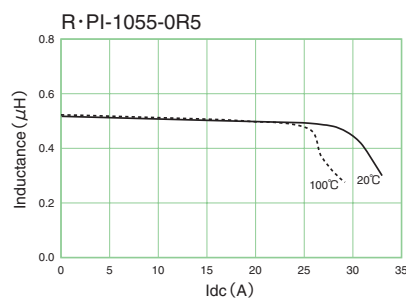
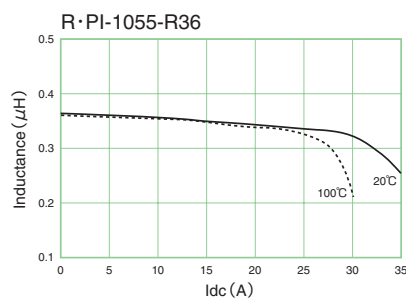
① ② ③

① Series

② Dimensions 10...WxD : 10×10 mm 55...H : 5.5 mm

③ Inductance 0R7...0.7 μH

DC-Superposed Characteristics

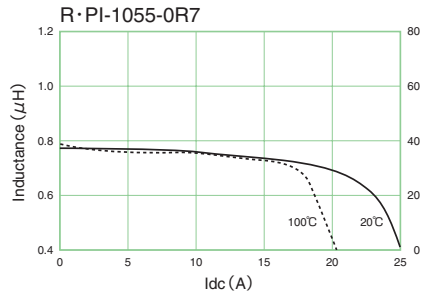


Choke Coils VOL.08



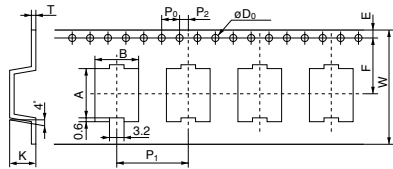
- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.

DC-Superposed Characteristics



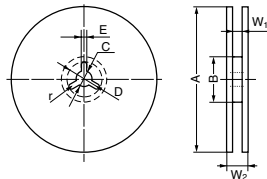
R·PI Series (1000pcs./reel)

Dimensions of indented square hole plastic tape



[mm]										
A	B	W	F	E	P ₁	P ₂	P ₀	øD ₀	T	K
±0.2	±0.2	±0.4	±0.2	±0.2	±0.2	±0.2	±0.2	+0.2,-0	±0.1	±0.2
10.0	10.5	24.0	11.5	1.75	16.0	2.0	4.0	1.5	0.4	5.9

Reel dimensions



[mm]						
A	B	C	D	E	r	W ₁ W ₂
±2.0	±5.0	±0.5	±0.8	±0.5		
380	100	13	21	2.0	R1.0	25.5 28.5



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.