RR0816P-473-D Datasheet

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DiGi Electronics Part Number	RR0816P-473-D-DG
Manufacturer	Susumu
Manufacturer Product Number	RR0816P-473-D
Description	RES SMD 47K OHM 0.5% 1/16W 0603
Detailed Description	47 kOhms ±0.5% 0.063W, 1/16W Chip Resistor 0603 (1608 Metric) Thin Film

This model RR0816P-473-D is available at DiGi Electronics.

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Purchase and inquiry

Manufacturer Product Number:	Manufacturer:
RR0816P-473-D	Susumu
Series:	Product Status:
RR	Active
Resistance:	Tolerance:
47 kOhms	±0.5%
Power (Watts):	Composition:
0.063W, 1/16W	Thin Film
Features:	Temperature Coefficient:
-	±25ppm/°C
Operating Temperature:	Package / Case:
-55°C ~ 125°C	0603 (1608 Metric)
Supplier Device Package:	Size / Dimension:
0603	0.063" L x 0.031" W (1.60mm x 0.80mm)
Height - Seated (Max):	Number of Terminations:
0.020" (0.50mm)	2
Failure Rate:	
-	

Environmental & Export classification

RoHS Status:	Moisture Sensitivity Level (MSL):
ROHS3 Compliant	1 (Unlimited)
REACH Status:	ECCN:
REACH Unaffected	EAR99
HTSUS:	
8533.21.0030	

Metal thin film chip resistors (precision)

■RR series

Features

- Precision chip resistors excellent in resistance tolerance, TCR, frequency performance, noise characteristics, and linearity.
  * This product is not currently recommended for use in new design systems. Production may be discontinued in the near future.

Applications

- Consumer electronics that requires precision resistors
- All purpose resistors in any area of electronics

◆Part numbering system

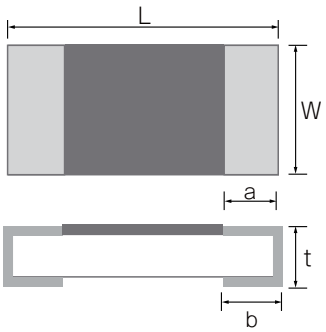
RR 0816 P - 102 - D - (M) - (***)

- RR — Series code
- 0816 — Size: RR0306, RR0510, RR0816, RR1220,
- P — Temperature coefficient of resistance
- 102 — Nominal Resistance: RR0306, RR0510, RR0816, RR1220 E-24: 3 digit, RR0306, RR0510, RR0816, RR1220 E-96: 4 digit,
- D — Resistance tolerance
- (M) — Letter M is added for RR1220 E-96 series 4digit codes
- (***) — only given to 3 digit coders for RR0816 E-96 series

◆Electrical Specification

Type	Power ratings	Temperature coefficient of resistance	Resistance range(Ω) Resistance tolerance			Maximum voltage	Resistance value series	Operating temperature	Packaging quantity
		(ppm/°C)	±0.1% (B)	±0.5% (D)	±1% (F)				
RR0306	1/20W	±25(P)	–	33≦R≦22k		15V	E-24	-55℃ ~ 125℃	5,000pcs
		±100(R)	–	–	10≦R≦30				
RR0510	1/16W	±25(P)	–	100≦R≦100k	–	25V	E-24, E-96		10,000pcs
		±100(R)		10≦R<100					
RR0816	1/16W	±25(P)	–	100≦R≦360k	–	75V			5,000pcs
		±50(Q)		10≦R<100					
RR1220	1/10W	±25(P)	–	100≦R≦1M		100V			
		±50(Q)	–	10≦R<100	–				

◆Dimensions



Type	Size (inch)	L	W	a	b	t
RR0306	0201	0.60±0.05	0.30±0.05	0.12±0.05	0.12±0.05	0.23±0.03
RR0510	0402	1.00±0.05	0.50±0.05	0.20±0.10	0.25±0.05	0.35±0.05
RR0816	0603	1.60±0.20	0.80±0.20	0.30±0.20	0.30±0.20	0.40±0.10
RR1220	0805	2.00±0.20	1.25±0.20	0.40±0.20	0.40±0.20	0.40±0.10

(unit : mm)

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