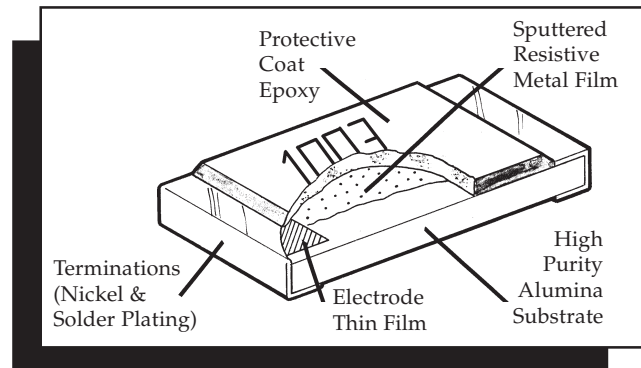


MEGGITT HOLSWORTHY
ELECTRONIC ASSEMBLIES
PRECISION RESISTORS
SMD PRECISION RESISTORS
PRECISION NETWORKS

High Precision Resistors (SMD)

TYPE RN73 SERIES



The RN73 series is a high stability precision chip resistor range offering various power dissipation relating to chip size, TCR's down to 5ppm/°C and resistor tolerances to 0.1%. The resistor is produced with three sputtered layers giving better performance. Values are restricted to the E96 and E24 value grids. The RN73 has accurate and uniform physical dimensions to facilitate placement. They are of course packaged on tape and reeled.

MEGGITT HOLSWORTHY **KEY FEATURES**

- HIGH PRECISION - TCR 5ppm/°C and 10ppm/°C
 - TOLERANCE OF 0.1%
 - THIN FILM (NICHROME)
 - CHOICE OF PACKAGES (0805 STD)
 - SUPPLIED ON REELS OF 5000 or 1000
 - STABLE HIGH FREQUENCY PERFORMANCE
 - 100V DC OPERATING VOLTAGE
 - TEMPERATURE RANGE -55°C to +125°C
-

**MEGGITT ELECTRONIC
COMPONENTS LTD**

SALES ACTION DESK
TEL: (01793 611666)
FAX: (01793 611777)
EMAIL: sales@megelec.co.uk
WEB SITE: www.meggittelectronics.com

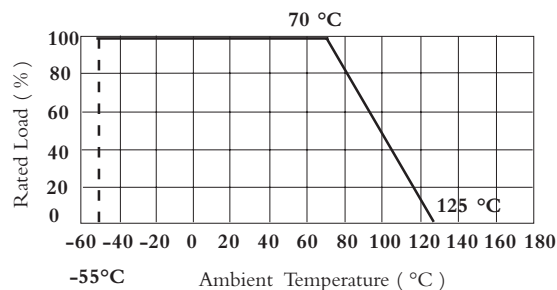
ELECTRICAL

	0603 (1J)	0805 (2A)	1206 (2B)
Rated Power	0.063W	0.1W	0.125W
Maximum working voltage	50V	100V	150V
Maximum overload voltage	100V	200V	300V
Working temperature range	-55°C ~ +125°C		
Rated ambient temperature	70°C		

RESISTANCE VALUE RANGE

Package Size	Package Code	T.C.R. (ppm/°C)	Resistance Tolerance E-24, E-96 series
0603	1J	C (± 10)	10R - 49K9
0805	2A	A (± 5)	10R - 150K
0805	2A	C (± 10)	10R - 150K
1206	2B	A (± 5)	10R - 470K
1206	2B	C (± 10)	10R - 470K

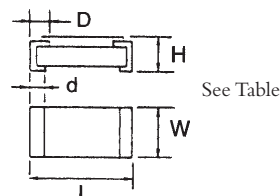
POWER DERATING CURVE



For temperatures in excess of 70°C the load shall be derated in accordance with the following figure.

DIMENSIONS

Type	L ± 0.2	W ± 0.2	D	d ± 0.1	H ± 0.1
RN73 1J	1.6	0.8	0.3 ± 0.2	0.3	0.4
RN 732A*	2.0	1.25	0.4 ± 0.2	0.3	0.5
RN 732B	3.2	1.6	0.5 ± 0.3	0.4	0.6



HOW TO ORDER

COMMON PART	TEMP. COEFFICIENT OF RESISTANCE	CHIP SIZE	RESISTANCE VALUE			TOLERANCE	PACK QTY
RN73 - Series Part Number	A - ± 5 ppm/°C C - ± 10 ppm/°C*	1J - 0603 2A - 0805* 2B - 1206	100 ohms 1 K ohm 100 K ohm	(100 ohms) (1000 ohms) (100,000 ohms)	100R 1K0 100K	B ± 0.1%	TG - Cut tape lengths (2A only) TDF - 1000 (Paper) (2A Only) TD - 5000 (Plastic)

* Preferred - Stocked Item



Meggit Electronic Components Ltd. Ohmic House, Westmead Industrial Estate, Swindon, Wilts. SN5 7US
Telephone: (01793) 487301 (Admin.) (01793) 611666 (Sales) Email: sales@megelec.co.uk Fax: (01793) 611777

This publication is issued to provide outline information only and (unless specifically agreed to the contrary by the Company in writing) is not to form part of any order or be regarded as a representation relating to the products or service concerned. We reserve the right to alter without notice the specification, design, price or conditions of supply of any product or service. Whilst Meggit Electronic Components products are of the very highest quality and reliability, all electronic components can occasionally be subject to failure. Where failure of a Meggit Electronic Components product could result in life threatening consequences, then the circuit and application must be discussed with the Company. Such areas might include ECG, respiratory, and other medical and nuclear applications and any non fail safe applications circuit.