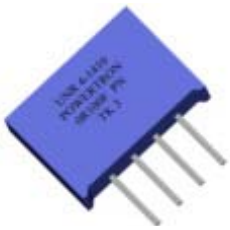
USR UNR 4-1410



- **Highest Stability**
- **Near Temperature Independency**
- **Lowest Tolerances**
- **Low Capacitance And Inductance**
- **Customized Resistance Values**

SPECIFICATIONS

			USR 4-1410	UNR 4-1410 note[1)]
ELECTRICAL				
	Resistance Range	:	0R1...100R	
	Power Rating	:	0.8 W (70°C)	
	Tolerance	:		
	from 0R1	:	0.1%, 0.25%, 0.5%, 1%	
	from 10R	:	0.05%, 0.1%, 0.25%, 0.5%, 1%	
	from 50R	:	0.01%, 0.02%, 0.05%, 0.1%, 0.25%, 0.5%, 1%	
	Stability	:	0.01%	
	Temperature Coefficient	:	max. ±5 ppm/K (-55...155)°C typ. ±3 ppm/K (-55...125)°C upon request ±1 ppm/K (0...60)°C	
	Insolation Resistance	:	> 10 GOhm	
	Thermal EMF	:	< 1 µV/K	
ENVIRONMENTAL				
	Operative Temperature Range	:	-55°C...155°C	
MECHANICAL	**Resistor Material**	:	NiCr-Foil	
	Substrate	:	Al_2O_3	AlN
	Housing	:	PBTP / Epoxy	
	Connector Material	:	Cu tinned, 4-pin	

note[1)]: Specially designed for applications with fast changing electrical load.

Willow Technologies Ltd. Shawlands Court, Newchapel Road, Lingfield, Surrey, RH7 6BL, United Kingdom
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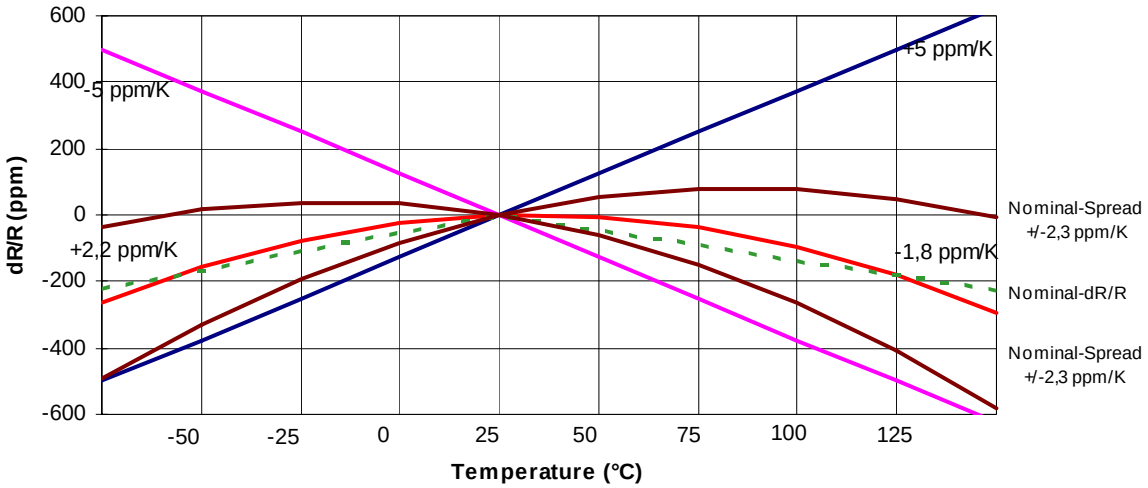
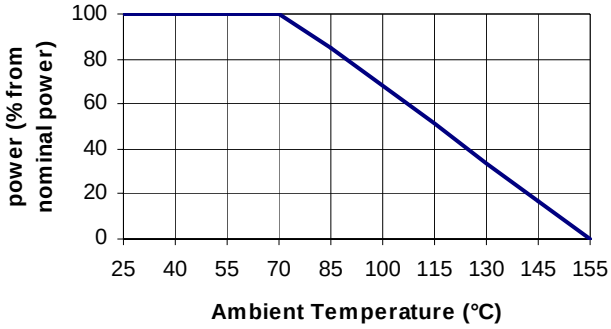
USR UNR 4-1410

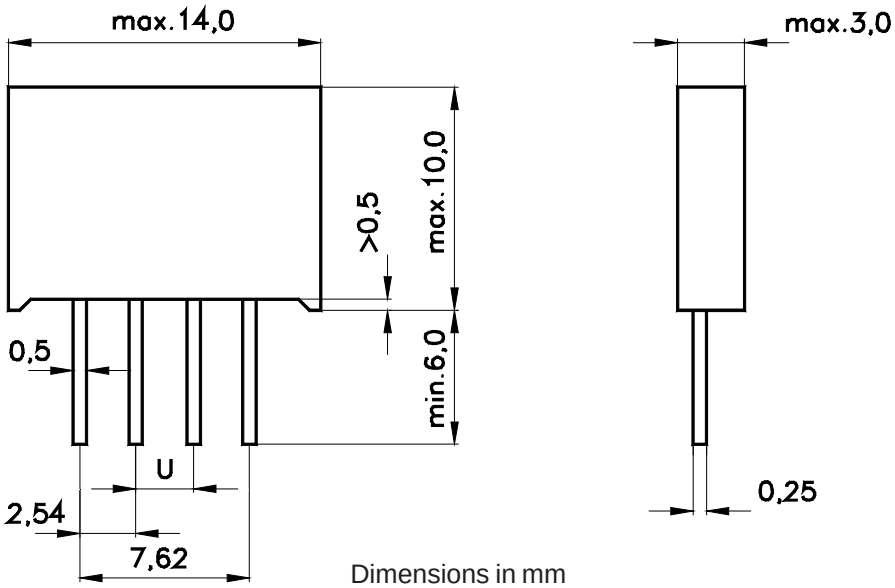
TEMPERATURE COEFFICIENT



DERATING CURVE



DIMENSIONS



Dimensions in mm

HOW TO ORDER

USR 4-1410 10R X 0.1% TK1

UNR 4-1410 0R1 X 0.5% TK3

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