



# Potentiometer

Prices see [shop.griederbauteile.ch](http://shop.griederbauteile.ch)

<b>Miniature Cermet Trimmer</b>	<b>Page 2</b>					
<b>Miniature Cermet Trimmer</b>	<b>Page 3</b>					
<b>10mm Cermet Trimmer 0.1W</b>	<b>Page 4</b>					
<b>10mm Cermet Trimmer 0.5W</b>	<b>Page 5</b>					
<b>15mm Cermet Trimmer 1W</b>	<b>Page 6</b>					
<b>14mm Trimmer 0.2W</b>	<b>Page 7</b>					
<b>18mm Trimmer 0.25W</b>	<b>Page 8</b>					
<b>18-Turn Cermet Trimmer 0.75W</b>	<b>Page 9</b>					
<b>22-Turn Cermet Trimmer 0.5W</b>	<b>Page 10</b>					
<b>16mm Potentiometer</b>	<b>Page 11</b>					
<b>16mm Potentiometer with Switch</b>	<b>Page 12</b>					
<b>16mm Tandem-Potentiometer</b>	<b>Page 13</b>					
<b>20mm - 23mm Potentiometer</b>	<b>Page 14 - 16</b>					
<b>21 - 23 Cermet-Potentiometer</b>	<b>Page 15</b>					
<b>Rheostats 12.5W - 100W</b>	<b>Page 17</b>					
<b>Multi Turn Wirewound Potentiometer</b>	<b>Page 18</b>					
<b>Slide Potentiometer + Accessories</b>	<b>Page 19 - 20</b>					

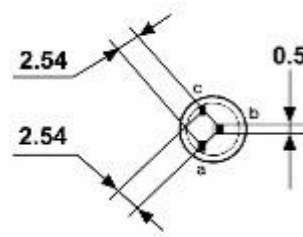
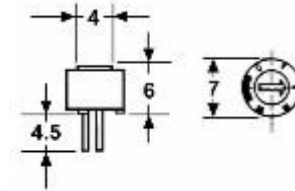
**7mm Miniature Cermet Trimmer**

Mounting horizontal - linear

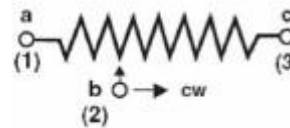
Power rating @ Tamb 70°C (P70): 0.5W



Order No	Resistance in $\Omega$	Max @ 85°C	Working Voltage (VLE)	Wiper Current (ILS)
REO.AH10R	10	0.5W	2.2V	224mA
REO.AH22R	22		3.3V	150mA
REO.AH47R	47		4.8V	103mA
REO.AH100R	100		7V	70mA
REO.AH22R	220		10.5V	47mA
REO.AH470	470		15.3V	32mA
REO.AH1k0	1k		22.4V	22mA
REO.AH2k2	2.2k		33.2V	15mA
REO.AH4k7	4.7k		48.5V	10mA
REO.AH10k	10k		70.7V	7mA
REO.AH22k	22k		105V	4.8mA
REO.AH47k	47k		153V	3.2mA
REO.AH.100k	100k		224V	2.2mA
REO.AH220k	220k		0.28W	250V
REO.AH470k	470k	0.13W	250V	1.53mA
REO.AH.1M0	1M	0.06W	250V	0.25mA
REO.AH.2M0	2M		250V	

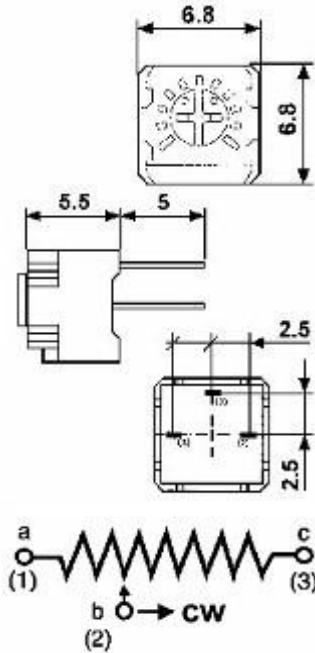


**CIRCUIT DIAGRAM**



**Miniature Cermet Trimmer 0.5W  
Horizontal Mounting**

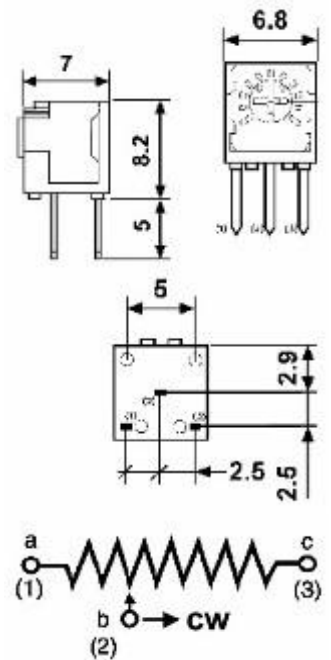
R-Toleranz: ±20%



Order No	Resistance in Ω	Power 85°C	Working Voltage 70°C	Wiper Current max	Temperature coefficient ppm/K
REO.BH10R	10	0.5W	2.2V	224mA	+200
REO.BH22R	22		3.3V	150mA	
REO.BH47R	47		4.8V	103mA	
REO.BH100R	100		7V	70mA	
REO.BH220R	220		10.5V	47mA	
REO.BH470R	470		15.3V	32mA	
REO.BH1k0	1k		22.4V	22mA	±70
REO.BH2k2	2.2k		33.2V	15mA	
REO.BH4k7	4.7k		48.5V	10mA	
REO.BH10k	10k		70.7V	7mA	
REO.BH22k	22k		105V	4.8mA	
REO.BH47k	47k		153V	3.2mA	
REO.BH100k	100k		224V	2.2mA	
REO.BH220k	220k	0.28W	250V	1.1mA	
REO.BH470k	470k			0.52mA	
REO.BH1M0	1M			0.25mA	
REO.BH2M2	2.2M			0.11mA	

**Miniature Cermet Trimmer 0.5W  
Vertical Mounting**

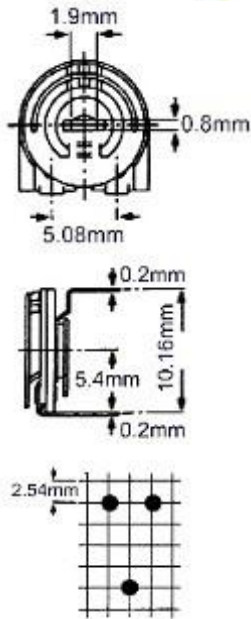
R-Toleranz: ±20%



Order No	Resistance in Ω	Power 85°C	Working Voltage 70°C	Wiper Current max	Temperature coefficient ppm/K
REO.BV10R	10	0.5W	2.2V	224mA	+200
REO.BV22R	22		3.3V	150mA	
REO.BV47R	47		4.8V	103mA	
REO.BV100R	100		7V	70mA	
REO.BV220R	220		10.5V	47mA	
REO.BV470R	470		15.3V	32mA	
REO.BV1k0	1k		22.4V	22mA	±70
REO.BV2k2	2.2k		33.2V	15mA	
REO.BV4k7	4.7k		48.5V	10mA	
REO.BV10k	10k		70.7V	7mA	
REO.BV22k	22k		105V	4.8mA	
REO.BV47k	47k		153V	3.2mA	
REO.BV100k	100k		224V	2.2mA	
REO.BV220k	220k	0.28W	250V	1.1mA	
REO.BV470k	470k			0.52mA	
REO.BV1M0	1M			0.25mA	
REO.BV2M2	2.2M			0.11mA	

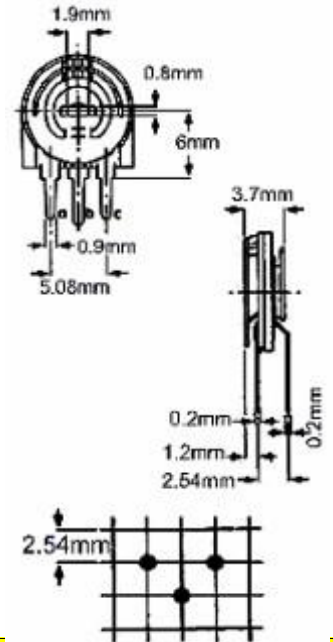
**10mm Trimmer 0.1W  
Horizontal Mounting**

R-Toleranz: ±20%



**10mm Trimmer 0.1W  
Horizontal Mounting**

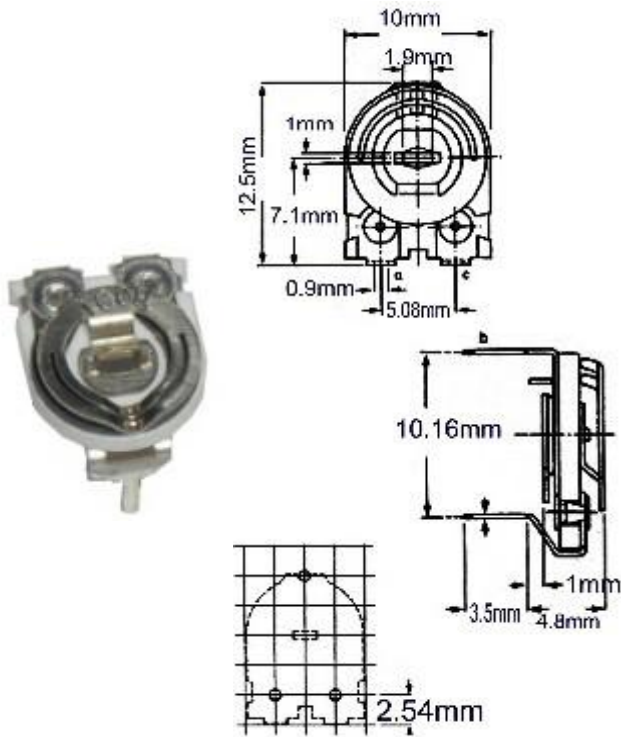
R-Toleranz: ±20%



Order No	Resistance in $\Omega$	Working Voltage 40°C	Wiper Current max	Order No	Resistance in $\Omega$	working Voltage 40°C	Wiper Current max
REO.HH47R	47	2.2V	46mA	REO.HH47R	47	2.2V	46mA
REO.HH100R	100	3.2V	32mA	REO.HH100R	100	3.2V	32mA
REO.HH220R	220	4.7V	21mA	REO.HH220R	220	4.7V	21mA
REO.HH470R	470	6.9V	15mA	REO.HH470R	470	6.9V	15mA
REO.HH1k0	1k	10V	10mA	REO.HH1k0	1k	10V	10mA
REO.HH2k2	2.2k	14.8V	6.7mA	REO.HH2k2	2.2k	14.8V	6.7mA
REO.HH4k7	4.7k	21.7V	4.6mA	REO.HH4k7	4.7k	21.7V	4.6mA
REO.HH10k	10k	32V	3.2mA	REO.HH10k	10k	32V	3.2mA
REO.HH22k	22k	47V	2.1mA	REO.HH22k	22k	47V	2.1mA
REO.HH47k	47k	69V	1.5mA	REO.HH47k	47k	69V	1.5mA
REO.HH100k	100k	100V	1mA	REO.HH100k	100k	100V	1mA
REO.HH220k	220k	148V	0.7mA	REO.HH220k	220k	148V	0.7mA
REO.HH470k	470k	150V	0.32mA	REO.HH470k	470k	150V	0.32mA
REO.HH1M0	1M	150V	0.15mA	REO.HH1M0	1M	150V	0.15mA
REO.HH2M2	2.2M	150V	0.068mA	REO.HH2M2	2.2M	150V	0.068mA
REO.HH4M7	4.7M	150V	0.032mA	REO.HH4M7	4.7M	150V	0.032mA

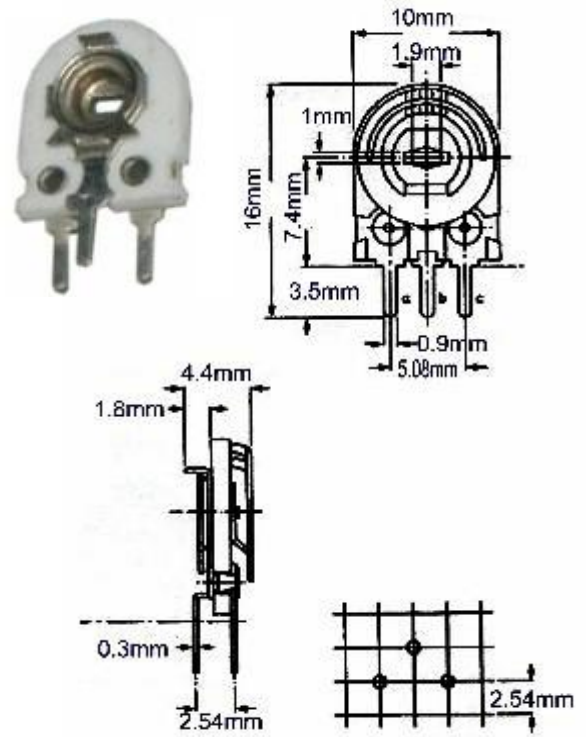
**10mm Trimmer 0.5W  
Horizontal Mounting**

R-Toleranz: ±20%



**10mm Trimmer 0.5W  
Vertical Mounting**

R-Toleranz: ±20%



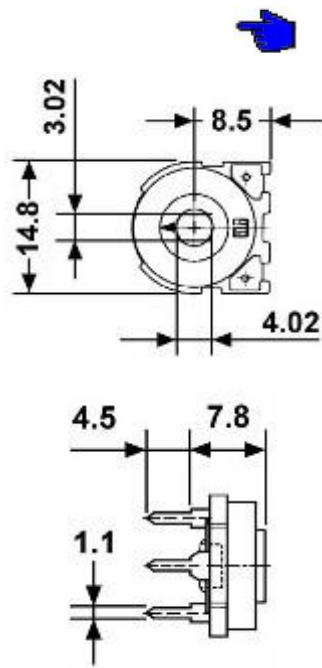
Order No	Resistance in $\Omega$	Working Voltage 70°C	Wiper Current max
REO.CH47R	47	4.8V	103mA
REO.CH100R	100	7V	70mA
REO.CH220R	220	10.5V	47mA
REO.CH470R	470	15.3V	32mA
REO.CH1k0	1k	22.4V	22mA
REO.CH2k2	2.2k	33.2V	15mA
REO.CH2k5	2.5k		
REO.CH4k7	4.7k	48.5V	10mA
REO.CH10k	10k	70.7V	7mA
REO.CH22k	22k	05V	4.8mA
REO.CH47k	47k	153V	3.2mA
REO.CH100k	100k	224V	2.2mA
REO.CH220k	220k	331V	1.5mA
REO.CH470k	470k	485V	1.03mA
REO.CH1M0	1M	500V	0.7mA
REO.CH2M2	2.2M	500V	0.47mA
REO.CH4M7	4.7M	500V	0.32mA
REO.CH6M8	6.8M		
REO.CH10M	10M		

Order No	Resistance in $\Omega$	Working Voltage 70°C	Wiper Current max
REO.CV47R	47	4.8V	103mA
REO.CV100R	100	7V	70mA
REO.CV220R	220	10.5V	47mA
REO.CV470R	470	15.3V	32mA
REO.CV1k0	1k	22.4V	22mA
REO.CV2k2	2.2k	33.2V	15mA
REO.CV4k7	4.7k	48.5V	10mA
REO.CV10k	10k	70.7V	7mA
REO.CV22k	22k	05V	4.8mA
REO.CV47k	47k	153V	3.2mA
REO.CV100k	100k	224V	2.2mA
REO.CV220k	220k	331V	1.5mA
REO.CV470k	470k	485V	1.03mA
REO.CV1M0	1M	500V	0.7mA
REO.CV2M2	2.2M	500V	0.47mA
REO.CV4M7	4.7M	500V	0.32mA
REO.CV6M8	6.8M		
REO.CV10M	10M		



**15mm Trimmer 1W  
Horizontal Mounting**

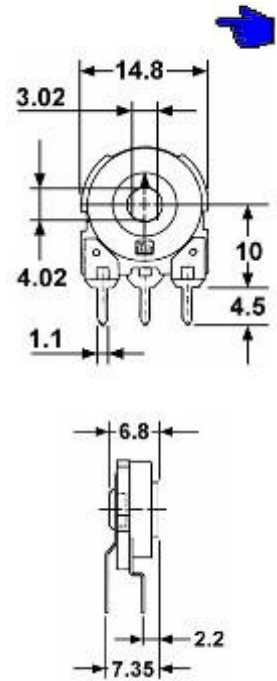
R-Tolerance: ±20%



Order No	Resistance in Ω	Working Voltage 40°C	Wiper Current max
RER.CH100R	100	10V DC	100mA
RER.CH220R	220	14.8V DC	67mA
RER.CH470R	470	21.7V DC	46mA
RER.CH1k0	1k	31.6V DC	31mA
RER.CH2k2	2.2k	46.9V DC	21mA
RER.CH4k7	4.7k	68.5V DC	14mA
RER.CH10k	10k	100V DC	10mA
RER.CH22k	22k	148V DC	6.7mA
RER.CH47k	47k	217V DC	4.6mA
RER.CH100k	100k	300V DC	3.1mA
RER.CH220k	220k	300V DC	2.1mA
RER.CH470k	470k	300V DC	1.4mA
RER.CH1M0	1M	300V DC	1mA

**15mm Trimmer 1W  
Vertical Mounting**

R-Tolerance: ±20%



Order No	Resistance in Ω	Working Voltage 40°C	Wiper Current max
RER.CV100R	100	10V DC	100mA
RER.CV220R	220	14.8V DC	67mA
RER.CV470R	470	21.7V DC	46mA
RER.CV1k0	1k	31.6V DC	31mA
RER.CV2k2	2.2k	46.9V DC	21mA
RER.CV4k7	4.7k	68.5V DC	14mA
RER.CV10k	10k	100V DC	10mA
RER.CV22k	22k	148V DC	6.7mA
RER.CV100k	100k	300V DC	3.1mA
RER.CV220k	220k	300V DC	2.1mA
RER.CV470k	470k	300V DC	1.4mA
RER.CV1M0	1M	300V DC	1mA

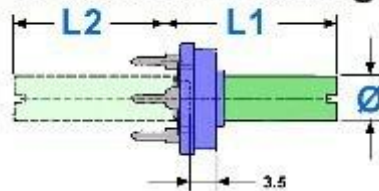
**Plastic Moulded Spindle fits RER.Cxxx**

For horizontal or vertical mounting

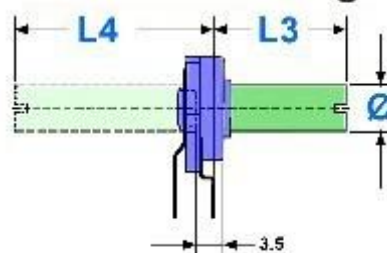


Order No	L1	L2	L3	L4	Ø
RER.CZ424	18.7mm	20mm	24.4mm	14.3mm	4mm
RER.CZ24	14.5mm	24.6mm	20.3mm	18.9mm	6mm
RER.CZ38	29mm	38.8mm	34.5mm	33.1mm	
RER.CZ53	43.5mm	53.6mm	49.2mm	48mm	
RER.CZ69	61mm	71mm	66.5mm	65.5mm	

**horizontal mounting**

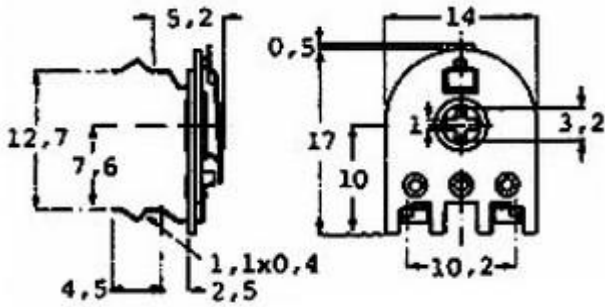


**vertical mounting**



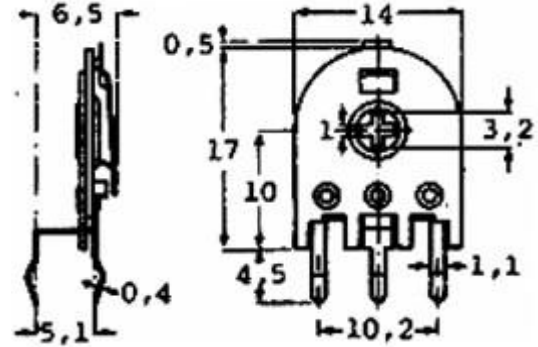
**14mm Trimmer 0.2W  
Horizontal Mounting**

R-Tolerance: ±20%



**14mm Trimmer 0.2W  
Vertical Mounting**

R-Tolerance: ±20%



Order No	Resistance in Ω		
RER.HH100R	100		
RER.HH220R	220		
RER.HH470R	470		
RER.HH1k0	1k		
RER.HH2k2	2.2k		
RER.HH4k7	4.7k		
RER.HH10k	10k		
RER.HH22k	22k		
RER.HH47k	47k		
RER.HH100k	100k		
RER.HH220k	220k		
RER.HH470k	470k		
RER.HH1M0	1M		
RER.HH2M2	2.2M		
RER.HH4M7	4.7M		

Order No	Resistance in Ω		
RER.HV100R	100		
RER.HV220R	220		
RER.HV470R	470		
RER.HV1k0	1k		
RER.HV2k2	2.2k		
RER.HV4k7	4.7k		
RER.HV10k	10k		
RER.HV22k	22k		
RER.HV47k	47k		
RER.HV100k	100k		
RER.HV220k	220k		
RER.HV470k	470k		
RER.HV1M0	1M		
RER.HV2M2	2.2M		
RER.HV4M7	4.7M		

**ALLGEMEINES, GÜLTIG FÜR ALLE TRIMMPOTENTIOMETER**

1. Die zulässige Verlustleistung gilt immer für den *gesamten* Widerstand, für Teilbereiche muss sie entsprechend reduziert werden.
2. Für den maximalen Schleiferstrom sowie für die maximale Spannung gilt das Ohm'sche Gesetz, die in den Daten angegebene Grenzspannung darf jedoch nicht überschritten werden!

$$U_{\max} = \sqrt{\text{Verlustleistung} \cdot \text{Widerstand}} ; \quad I_{\max} = \sqrt{\frac{\text{Verlustleistung}}{\text{Widerstand}}}$$

**Beispiele**

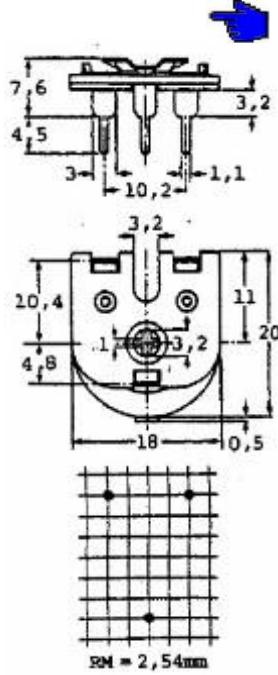
Gegeben RER.HH100R,  $T_{\text{amb}} = 70^{\circ}\text{C}$ :  $U_{\max} = \sqrt{0,1\text{W} \cdot 100\Omega} = \underline{3,16\text{V}}$   
 $I_{\max} = \sqrt{\frac{0,1\text{W}}{100\Omega}} = 0,032\text{A} = \underline{32\text{mA}}$

Gegeben RER.HH4M7,  $T_{\text{amb}} = 40^{\circ}\text{C}$ :  $U_{\max} = \sqrt{0,2\text{W} \cdot 4700000\Omega} = 969\text{V}$ , gemäss Datenblatt  
 (Grenzspannung) sind jedoch nur 500V erlaubt!

$$I_{\max} = \sqrt{\frac{0,2\text{W}}{4700000\Omega}} = 0,000206\text{A} = \underline{0,2\text{mA}}$$

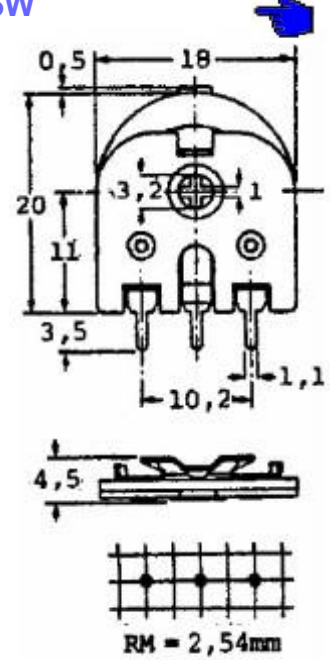
**18mm Trimmer 0.25W  
Horizontal Mounting**

R-Tolerance: ±20%



**18mm Trimmer 0.25W  
Vertical Mounting**

R-Tolerance: ±20%



Order No	Resistance in Ω		
RES.HH100R	100		
RES.HH220R	220		
RES.HH470R	470		
RES.HH1k0	1k		
RES.HH2k2	2.2k		
RES.HH4k7	4.7k		
RES.HH10k	10k		
RES.HH22k	22k		
RES.HH47k	47k		
RES.HH100k	100k		
RES.HH220k	220k		
RES.HH470k	470k		
RES.HH1M0	1M		
RES.HH2M2	2.2M		
RES.HH4M7	4.7M		

Order No	Resistance in Ω		
RES.HV 100R	100		
RES.HV 220R	220		
RES.HV 470R	470		
RES.HV 1k0	1k		
RES.HV 2k2	2.2k		
RES.HV 4k7	4.7k		
RES.HV 10k	10k		
RES.HV 22k	22k		
RES.HV 47k	47k		
RES.HV 100k	100k		
RES.HV 220k	220k		
RES.HV 470k	470k		
RES.HV 1M0	1M		
RES.HV 2M2	2.2M		
RES.HV 4M7	4.7M		

**ALLGEMEINES, GÜLTIG FÜR ALLE TRIMMPOTENTIOMETER**

1. Die zulässige Verlustleistung gilt immer für den *gesamten* Widerstand, für Teilbereiche muss sie entsprechend reduziert werden.
2. Für den maximalen Schleiferstrom sowie für die maximale Spannung gilt das Ohm'sche Gesetz, die in den Daten angegebene Grenzspannung darf jedoch nicht überschritten werden!

$$U_{\max} = \sqrt{\text{Verlustleistung} \cdot \text{Widerstand}} ; \quad I_{\max} = \sqrt{\frac{\text{Verlustleistung}}{\text{Widerstand}}}$$

**Beispiele**

Gegeben RES.HH100R,  $T_{\text{amb}} = 70^{\circ}\text{C}$ :  $U_{\max} = \sqrt{0,1\text{W} \cdot 100\Omega} = \underline{3,16\text{V}}$

$$I_{\max} = \sqrt{\frac{0,1\text{W}}{100\Omega}} = 0,032\text{A} = \underline{32\text{mA}}$$

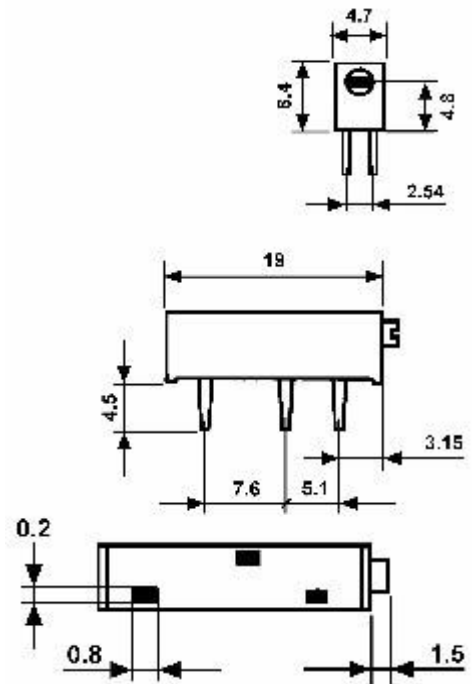
Gegeben RES.HH4M7,  $T_{\text{amb}} = 40^{\circ}\text{C}$ :  $U_{\max} = \sqrt{0,2\text{W} \cdot 4700000\Omega} = 969\text{V}$ , gemäss Datenblatt (Grenzspannung) sind jedoch nur 500V erlaubt!

$$I_{\max} = \sqrt{\frac{0,2\text{W}}{4700000\Omega}} = 0,000206\text{A} = \underline{0,2\text{mA}}$$



**18-Turn Cermet Trimmer 0.75W**

R-Tolerance: ±10%



Order No	Resistance in Ω	Power @ 85°C	Working Voltage	Wiper Current max	Temperature Coefficient ppm/K
REU.10R	10	0.75W	2.7V	224mA	200
REU.22R	22		4.06V	150mA	
REU.47R	47		5.93V	103mA	
REU.100R	100		8.7V	70mA	
REU.220R	220		12.8V	47mA	
REU.470R	470		18.7V	32mA	
REU.1k0	1k		27.4V	22mA	
REU.2k2	2.2k		40.6V	15mA	
REU.4k7	4.7k		59.3V	10mA	
REU.10k	10k		86.6V	7mA	
REU.22k	22k		128.4V	4.8mA	
REU.47k	47k		187.7V	3.2mA	
REU.100k	100k	0.625W	250V	2.2mA	±70
REU.220k	220k	0.28W		21.1mA	
REU.470k	470k	0.13W		0.52mA	
REU.1M0	1M	0.06W		0.25mA	
REU.2M2	2.2M	0.028W		0.11mA	

**Adapter for Multiturn Cermet Trimmer Vishay T18**

Adapter to mount the multiturn trimmer from Vishay series T18 to a front panel.



Order No	REU.AD270				
----------	-----------	--	--	--	--

**Shaft Fits Front-Panel Adapter**

Length: 16.5mm

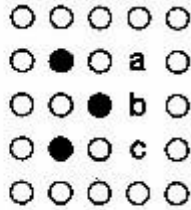
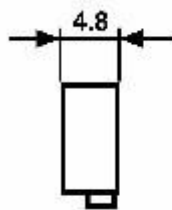
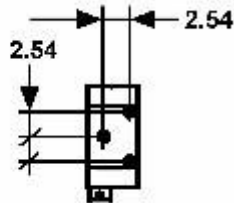
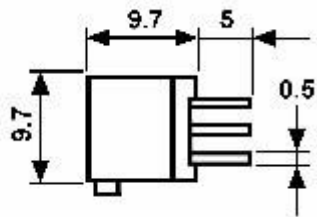


Order No	REU.L070				
----------	----------	--	--	--	--

**22-turn Cermet Trimmer 0.5W**

**Side setting**

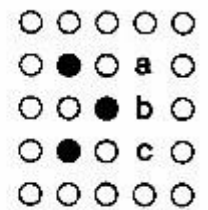
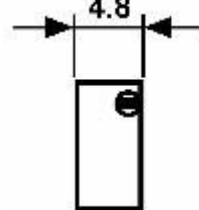
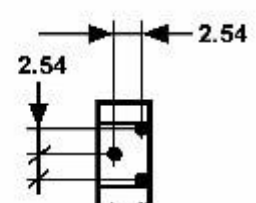
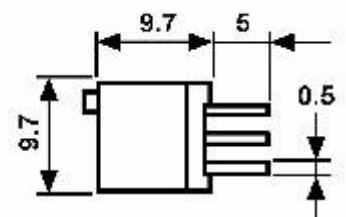
R-Tolerance: ±10%



**22-turn Cermet Trimmer 0.5W**

**Top setting**

R-Tolerance: ±10%



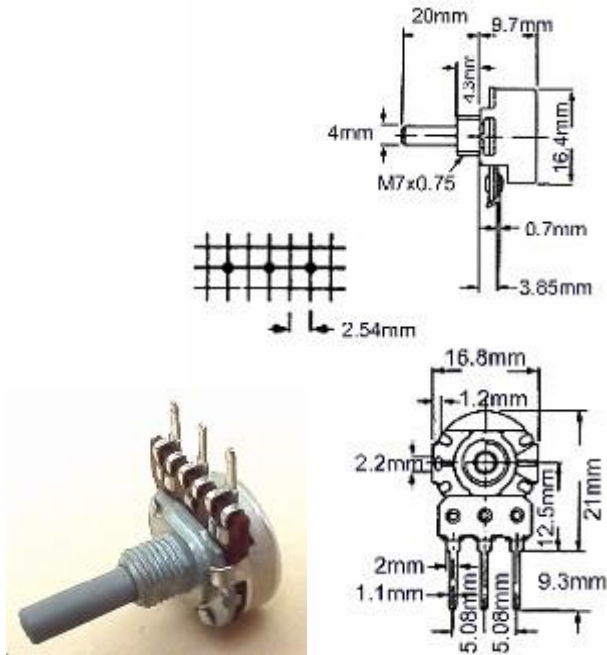
Order No	Resistance in Ω	Power 85°C	Working Voltage	Wiper Current max	Temperature Coefficient ppm/K	Order No	Resistance in Ω	Power 85°C	Working Voltage	Wiper Current max	Temperature Coefficient ppm/K
REU.AV10R	10	0.5W	2.2V	224mA	+200	REU.BV10R	10	0.5W	2.2V	224mA	+200
REU.AV22R	22		3.3V	150mA		REU.BV22R	22		3.3V	150mA	
REU.AV47R	47		4.8V	103mA		REU.BV47R	47		4.8V	103mA	
REU.AV100R	100		7V	70mA		REU.BV100R	100		7V	70mA	
REU.AV220R	220		±100	10.5V	47mA	REU.BV220R	220		10.5V	47mA	±100
REU.AV470R	470			15.3V	32mA	REU.BV470R	470		15.3V	32mA	
REU.AV1k0	1k			22.4V	22mA	REU.BV1k0	1k		22.4V	22mA	
REU.AV2k2	2.2k			33.2V	15mA	REU.BV2k2	2.2k		33.2V	15mA	
REU.AV4k7	4.7k			48.5V	10mA	REU.BV4k7	4.7k		48.5V	10mA	
REU.AV10k	10k			70.7V	7mA	REU.BV10k	10k		70.7V	7mA	
REU.AV22k	22k			105V	4.8mA	REU.BV22k	22k		105V	4.8mA	
REU.AV47k	47k			153V	3.2mA	REU.BV47k	47k		153V	3.2mA	
REU.AV100k	100k			224V	2.2mA	REU.BV100k	100k		224V	2.2mA	
REU.AV220k	220k			0.28W	250V	1.1mA	REU.BV220k		220k	0.28W	
REU.AV470k	470k	0.13W	0.52mA	REU.BV470k		470k	0.13W	0.52mA			
REU.AV1M0	1M	0.06W	0.25mA	REU.BV1M0		1M	0.06W	0.25mA			
REU.AV2M2	2.2M	0.028W	0.11mA	REU.BV2M2		2.2M	0.028W	0.11mA			

**16mm Potentiometer Linear Without Switch**



R-Tolerance:  $\pm 20\%$

Rated power: 100mW/40°C, 50mW/70°C

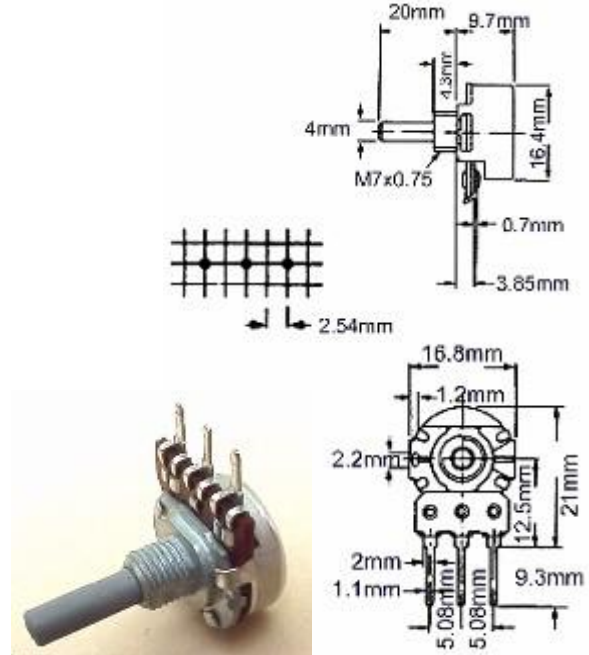


**16mm Potentiometer Logarithmic Without Switch**



R-Tolerance:  $\pm 20\%$

Rated power: 50mW/40°C, 25mW/70°C



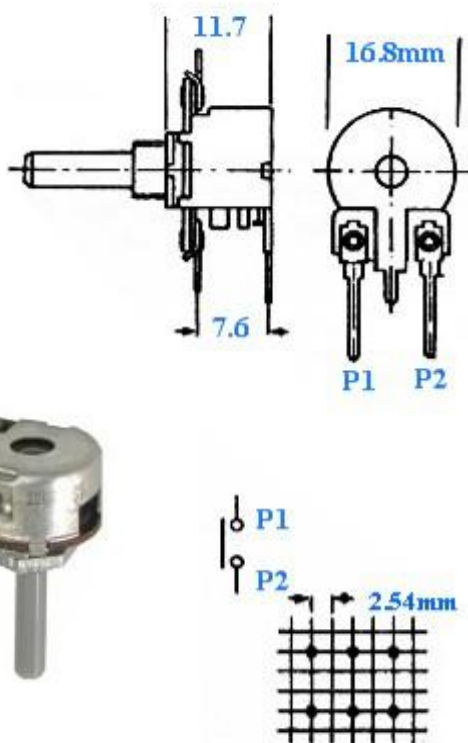
Order No	Resistance in $\Omega$	Working Voltage 40°C	Wiper Current max
<a href="#">RRN.220R</a>	220	4.7V	21mA
<a href="#">RRN.470R</a>	470	6.8V	14.5mA
<a href="#">RRN.1k0</a>	1k	10V	10mA
<a href="#">RRN.2k2</a>	2.2k	14V	7mA
<a href="#">RRN.4k7</a>	4.7k	22V	5mA
<a href="#">RRN.10k</a>	10k	31V	3.2mA
<a href="#">RRN.22k</a>	22k	45V	2.2mA
<a href="#">RRN.47k</a>	47k	70V	1.5mA
<a href="#">RRN.100k</a>	100k	100V	1mA
<a href="#">RRN.220k</a>	220k	140V	0.7mA
<a href="#">RRN.470k</a>	470k	220V	0.5mA
<a href="#">RRN.1M0</a>	1M	310V	0.32mA
<a href="#">RRN.2M2</a>	2.2M	460V	0.22mA
<a href="#">RRN.4M7</a>	4.7M	500V	0.14mA

Order No	Resistance in $\Omega$	Working Voltage 40°C	Wiper Current max
<a href="#">RRG.1k0</a>	1k	7V	7mA
<a href="#">RRG.2k2</a>	2.2k	10V	5mA
<a href="#">RRG.4k7</a>	4.7k	15V	3.2mA
<a href="#">RRG.10k</a>	10k	22V	2.2mA
<a href="#">RRG.22k</a>	22k	31V	1.5mA
<a href="#">RRG.47k</a>	47k	50V	1mA
<a href="#">RRG.100k</a>	100k	70V	0.7mA
<a href="#">RRG.220k</a>	220k	100V	0.5mA
<a href="#">RRG.470k</a>	470k	155V	0.32mA
<a href="#">RRG.1M0</a>	1M	220V	0.22mA
<a href="#">RRG.2M2</a>	2.2M	310V	0.15mA

**16mm Potentiometer Linear**  
With Switch (1-Pole On/Off)

R-Tolerance: ±20%

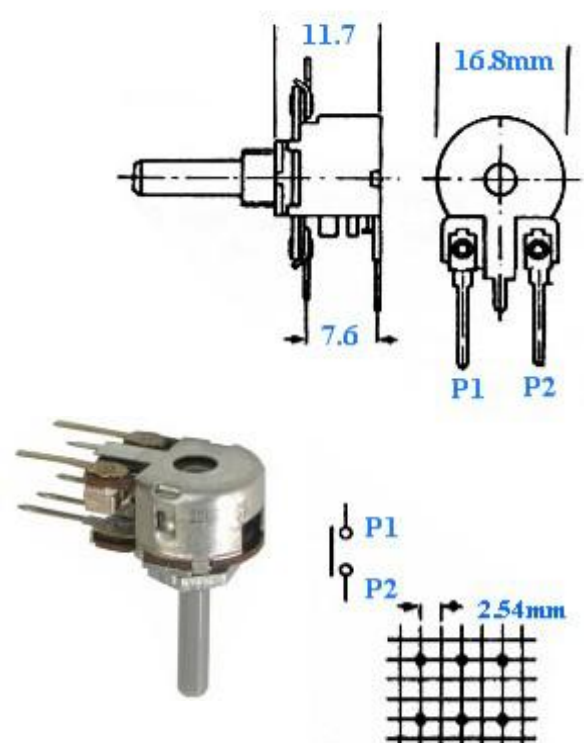
Rated power: 100mW/40°C, 50mW/70°C



**16mm Potentiometer Logarithmic**  
With Switch (1-Pole On/Off)

R-Tolerance: ±20%

Rated power: 50mW/40°C, 25mW/70°C



Order No	Resistance in Ω	Working voltage 40°C	Wiper current max
RRN.S220R	220	4.7V	21mA
RRN.S470R	470	6.8V	14.5mA
RRN.S1k0	1k	10V	10mA
RRN.S2k2	2.2k	14V	7mA
RRN.S4k7	4.7k	22V	5mA
RRN.S10k	10k	31V	3.2mA
RRN.S22k	22k	45V	2.2mA
RRN.S47k	47k	70V	1.5mA
RRN.S100k	100k	100V	1mA
RRN.S220k	220k	140V	0.7mA
RRN.S470k	470k	220V	0.5mA
RRN.S1M0	1M	310V	0.32mA
RRN.S2M2	2.2M	460V	0.22mA
RRN.S4M7	4.7M	500V	0.14mA

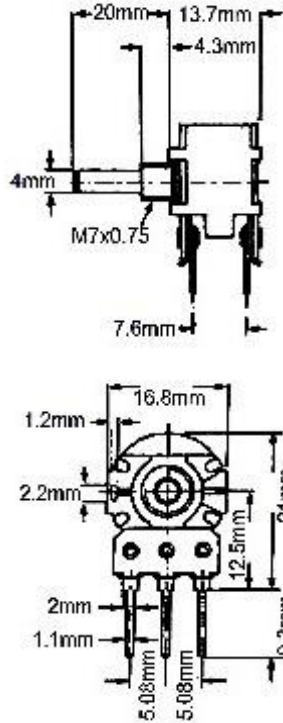
Order No	Resistance in Ω	Working Voltage 40°C	Wiper Current max
RRG.S1k0	1k	7V	7mA
RRG.S2k2	2.2k	10V	5mA
RRG.S4k7	4.7k	15V	3.2mA
RRG.S10k	10k	22V	2.2mA
RRG.S22k	22k	31V	1.5mA
RRG.S47k	47k	50V	1mA
RRG.S100k	100k	70V	0.7mA
RRG.S220k	220k	100V	0.5mA
RRG.S470k	470k	155V	0.32mA
RRG.S1M0	1M	220V	0.22mA
RRG.S2M2	2.2M	310V	0.15mA

**While stock lasts**

**16mm Tandem-Potentiometer Linear**

R-Tolerance: ±20%

Rated power: 200mW/40°C, 100mW/70°C



**While stock lasts**

**RRN.Txx**



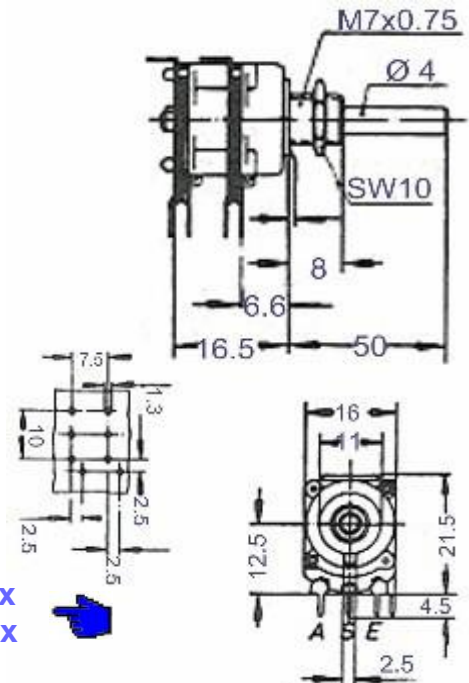
**RRG.Txx**



**16mm Tandem-Potentiometer Logarithmic**

R-Tolerance: ±20%

Rated power: 100mW/40°C, 50mW/70°C



**RRN.Taxx**



**RRG.Taxx**

Order No While stock lasts	Order No Replaces RRN.Txx	Resistance in Ω	Order no While stock lasts	Order No Replaces RRG.Txx	Resistance in Ω
RRN.T220R	RRN.TA220R	220			
RRN.T470R	RRN.TA470R	470			
RRN.T1k0	RRN.TA1k0	1k	RRG.T1k0	RRG.TA1k0	1k
RRN.T2k2	RRN.TA2k2	2.2k	RRG.T2k2	RRG.TA2k2	2.2k
RRN.T4k7	RRN.TA4k7	4.7k	RRG.T4k7	RRG.TA4k7	4.7k
RRN.T10k	RRN.TA10k	10k	RRG.T10k	RRG.TA10k	10k
RRN.T22k	RRN.TA22k	22k	RRG.T22k	RRG.TA22k	22k
RRN.T47k	RRN.TA47k	47k	RRG.T47k	RRG.TA47k	47k
RRN.T100k	RRN.TA100k	100k	RRG.T100k	RRG.TA100k	100k
RRN.T220k		220k	RRG.T220k	RRG.TA220k	220k
RRN.T470k	RRN.TA470k	470k		RRG.TA470k	470k
		1M		RRG.TA1M0	1M
	RRN.TA2M2	2.2M		RRG.TA2M2	2.2M
RRN.T4M7		4.7M		RRG.TA4M7	4.7M



**20mm or 23mm Potentiometer**

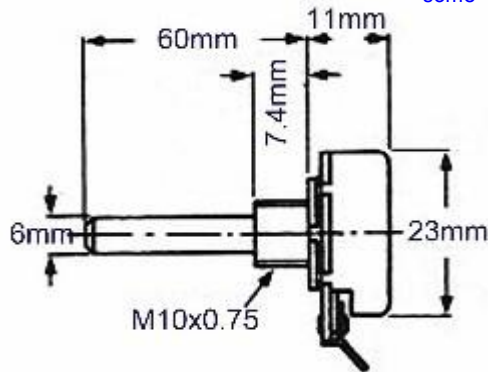
**Linear**  
**Without Switch**

R-Tolerance: ±20%

Rated power: 250mW/40°C, 125mW/70°C



some



**20mm or 23mm Potentiometer**

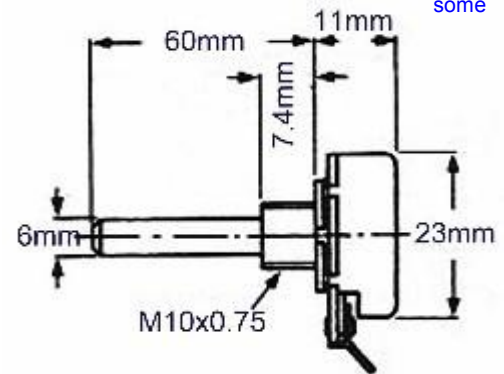
**Logarithmic**  
**Without Switch**

R-Tolerance: ±20%

Rated power: 125mW/40°C, 62.5mW/70°C



some



Order No	Resistance in Ω	Working Voltage 40°C	Wiper Current max
RNN.220R	220	7.4V	34mA
RNN.470R	470	8.7V	22mA
RNN.1k0	1k	16V	16mA
RNN.2k2	2.2k	23V	11mA
RNN.4k7	4.7k	34V	7mA
RNN.10k	10k	50V	5mA
RNN.22k	22k	74V	3.5mA
RNN.47k	47k	110V	2.2mA
RNN.100k	100k	160V	1.4mA
RNN.220k	220k	230V	1mA
RNN.470k	470k	340V	0.65mA
RNN.1M0	1M	500V	0.45mA
RNN.2M2	2.2M	500V	0.32mA
RNN.4M7	4.7M	500V	0.22mA

Order No	Resistance in Ω	Working Voltage 40°C	Wiper Current max
RNG.1k0	1k	12V	10mA
RNG.2k2	2.2k	18V	7mA
RNG.4k7	4.7k	26V	4.5mA
RNG.10k	10k	39V	3.2mA
RNG.22k	22k	57V	2.2mA
RNG.47k	47k	84V	1.4mA
RNG.100k	100k	120V	1mA
RNG.220k	220k	180V	0.7mA
RNG.2M2	2.2M	500V	0.22mA
RNG.4M7	4.7M	500V	0.15mA



**21mm Cermet-Potentiometer 2 Watt**

R-Tolerance:  $\pm 20\%$



**23mm Cermet-Potentiometer 5 Watt**

R-Tolerance:  $\pm 20\%$



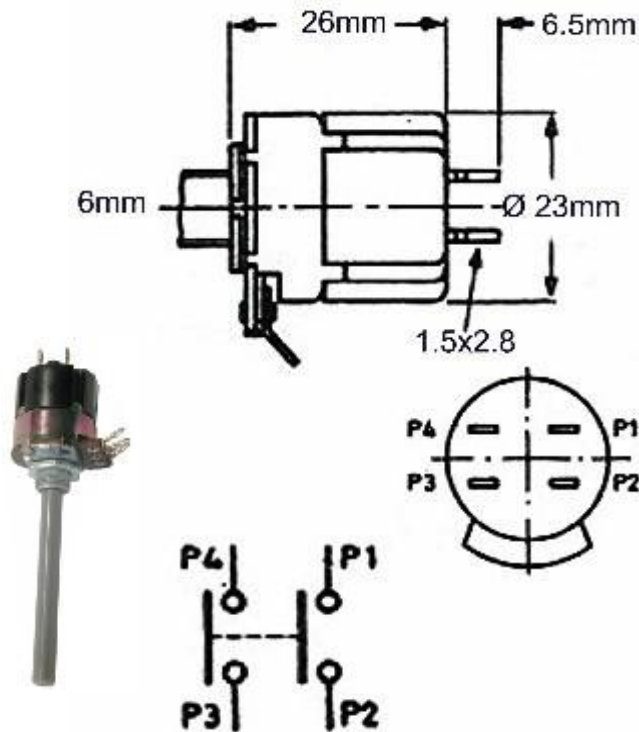
Order No	Value in $\Omega$			Order No	Value in $\Omega$		
				<a href="#">RCP.100R</a>	100		
<a href="#">RCP.A1K0</a>	1k						
<a href="#">RCP.A4K7</a>	4.7k						
<a href="#">RCP.A10K</a>	10k						
<a href="#">RCP.A22K</a>	22k						
<a href="#">RCP.A47K</a>	47k						
<a href="#">RCP.A100k</a>	100k						
				<a href="#">RCP.220K</a>	220k		
				<a href="#">RCP.470K</a>	470k		
				<a href="#">RCP.1M0</a>	1M		
				<a href="#">RCP.2M2</a>	2.2M		
				<a href="#">RCP.4M7</a>	4.7M		
				<a href="#">RCP.22M</a>	22M		

**23mm Potentiometer Linear**  
**With switch 2-pole On/Off**



R-Tolerance:  $\pm 20\%$

Rated power: 250mW/40°C, 125mW/70°C

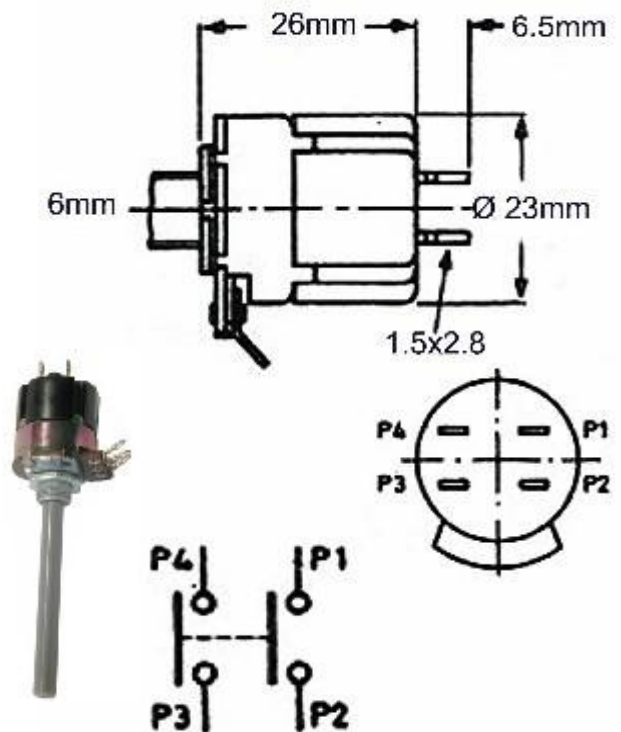


**23mm Potentiometer Logarithmic**  
**With switch 2-pole On/Off**



R-Tolerance:  $\pm 20\%$

Rated power: 125mW/40°C, 62.5mW/70°C



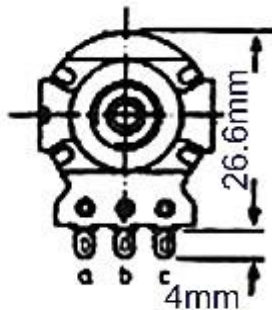
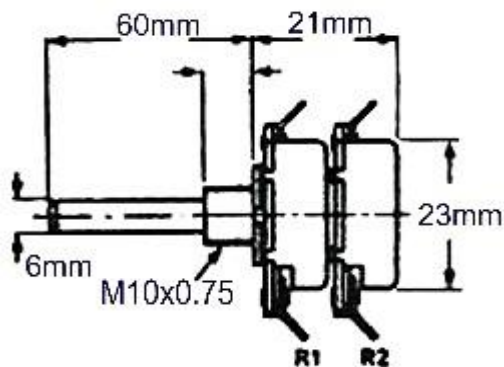
Order No	Resistance in $\Omega$	Working Voltage 40°C	Wiper Current max	Order No	Resistance in $\Omega$	Working Voltage 40°C	Wiper Current max
<a href="#">RSN.220R</a>	220	7.4V	34mA				
<a href="#">RSN.470R</a>	470	8.7V	22mA				
<a href="#">RSN.1k0</a>	1k	16V	16mA	<a href="#">RSG.1k0</a>	1k	12V	10mA
<a href="#">RSN.2k2</a>	2.2k	23V	11mA	<a href="#">RSG.2k2</a>	2.2k	18V	7mA
<a href="#">RSN.4k7</a>	4.7k	34V	7mA	<a href="#">RSG.4k7</a>	4.7k	26V	4.5mA
				<a href="#">RSG.10k</a>	10k	39V	3.2mA
<a href="#">RSN.22k</a>	22k	74V	3.5mA	<a href="#">RSG.22k</a>	22k	57V	2.2mA
<a href="#">RSN.47k</a>	47k	110V	2.2mA	<a href="#">RSG.47k</a>	47k	84V	1.4mA
<a href="#">RSN.100k</a>	100k	160V	1.4mA	<a href="#">RSG.100k</a>	100k	120V	1mA
<a href="#">RSN.220k</a>	220k	230V	1mA	<a href="#">RSG.220k</a>	220k	180V	0.7mA
				<a href="#">RSG.470k</a>	470k	340V	0.65mA
<a href="#">RSN.1M0</a>	1M	500V	0.45mA	<a href="#">RSG.1M0</a>	1M	500V	0.45mA
<a href="#">RSN.2M2</a>	2.2M	500V	0.32mA	<a href="#">RSG.2M2</a>	2.2M	500V	0.22mA
<a href="#">RSN.4M7</a>	4.7M	500V	0.22mA	<a href="#">RSG.4M7</a>	4.7M	500V	0.15mA

**23mm Tandem-Potentiometer**

**Linear**

R-Tolerance: ±20%

Rated power: 200mW/40°C, 100mW/70°C

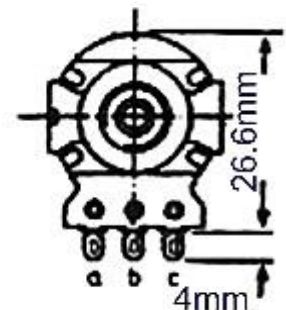
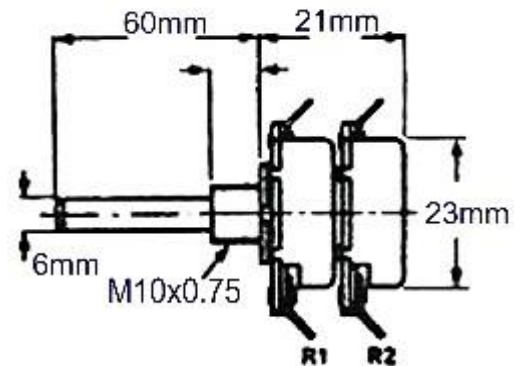


**23mm Tandem-Potentiometer**

**Logarithmic**

R-Tolerance: ±20%

Rated power: 100mW/40°C, 50mW/70°C




Order No	Resistance in Ω			Order No	Resistance in Ω		
RTN.220R	220						
RTN.470R	470						
RTN.1k0	1k			RTG.1k0	1k		
RTN.2k2	2.2k			RTG.2k2	2.2k		
RTN.4k7	4.7k			RTG.4k7	4.7k		
RTN.10k				RTG.10k	10k		
RTN.22k	22k			RTG.22k	22k		
RTN.47k	47k			RTG.47k	47k		
RTN.100k	100k			RTG.100k	100k		
RTN.220k	220k			RTG.220k	220k		
RTN.470k				RTG.470k	470k		
RTN.1M0	1M			RTG.1M0	1M		
RTN.2M2	2.2M			RTG.2M2	2.2M		
RTN.4M7	4.7M			RTG.4M7	4.7M		

**While stock lasts**

**Rheostats**



**12.5W** (3mm + 6mm-shaft) 

**25W, 30W, 40W, 50W** 

**100W** 

Resistance in $\Omega$	Order No 12.5W 3m m -Shaft	Order No 12.5W 6m m -Shaft	Order No 25W 6.35m m -Shaft	Order No 30W 6m m -Shaft	Order No 40W 6m m -Shaft	Order No 50W 6.35m m	Order No 100W 6m m
1	RUK.1R0.3	RUK.1R0.6		RUM.1R0		RUM.50W.1R0	RUN.1R0
2.2	RUK.2R2.3						RUN.2R2
2.5				RUM.2R5	RUM.40W.2R5		
4						RUM.50W.4R0	
4.7		RUK.4R7.6		RUM.4R7			RUN.4R7
5					RUM.40W.5R		
10				RUM.10R			RUN.10R
22				RUM.22R			RUN.22R
35	RUK.35R.3						
47		RUK.47R.6		RUM.47R			RUN.47R
50			RUL.50R				
75	RUK.75R.3						
100				RUM.100R			RUN.100R
125						RUM.50W.125R	
220		RUK.220R.6		RUM.220R			RUN.220R
470		RUK.470R.6		RUM.470R			RUN.470R
500	RUK.500R.3						
750	RUK.750R.3						
1k	RUK.1K0.3	RUK.1K0.6		RUM.1K0			RUN.1K0



**Multi-Turn Wirewound-Potentiometer**



RRZ.3G.xx



RRZ.5G.xx



RRZ.10G.xx



RRZ.20G.xx



Resistance in $\Omega$	Order No 3-Turn	Order No 5-Turn	Order No 10-Turn	Order No 20-Turn	Shaft $\emptyset$	
50			RRZ.10G.50R		6.35mm	
100	RRZ.3G.100R	RRZ.5G.100R	RRZ.10G.100R		6.35mm	
200	RRZ.3G.200R	RRZ.5G.200R	RRZ.10G.200R		6.35mm	
			RRZ.M10G.200R		6mm	
500	RRZ.3G.500R	RRZ.5G.500R	RRZ.10G.500R	RRZ.20G.500R	6.35mm	
1k	RRZ.3G.1K0	RRZ.5G.1K0	RRZ.10G.1K0	RRZ.20G.1K0	6.35mm	
2k	RRZ.3G.2K0	RRZ.5G.2K0	RRZ.10G.2K	RRZ.20G.2K0	6.35mm	
5k	RRZ.3G.5K0	RRZ.5G.5K	RRZ.10G.5K	RRZ.20G.5K0	6.35mm	
			RRZ.M10G.5K		6mm	
10k		RRZ.5G.10K	RRZ.10G.10K	RRZ.20G.10K	6.35mm	
20k	RRZ.3G.20K	RRZ.5G.20K	RRZ.10G.20K	RRZ.20G.20K	6.35mm	
50k		RRZ.5G.50K	RRZ.10G.50K		6.35mm	
			RRZ.M10G.50K		6mm	
100k			RRZ.10G.100K	RRZ.20G.100K	6.35mm	

**Suitable Dials**



Best.Nr.	Turns	Increments	Shaft $\emptyset$	Dial $\emptyset$		
MKL.20	20	50	6.35mm	20mm		
MKL.25	20	100	6.35mm	25mm		
MKL.Z60	Collet for 6mm shafts					

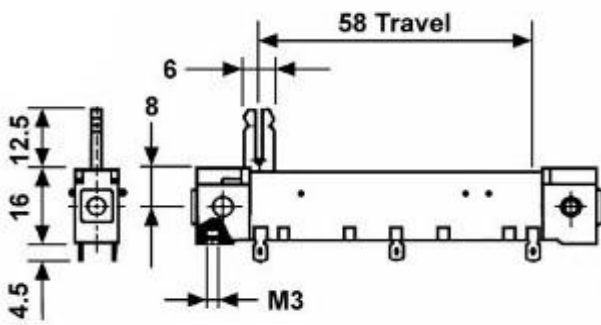
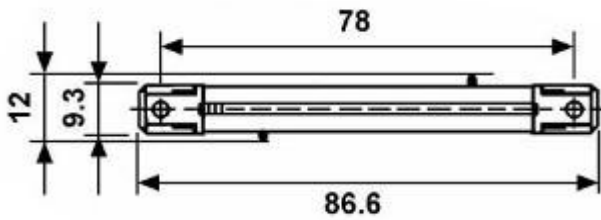
**Slide-Potentiometer Solder**

R-Tolerance: ±20%

Rated power linear: 0.4W/40°C

Rated power logarithmic: 0.2W/40°C

Delivery content: Potentiometer inclusive button



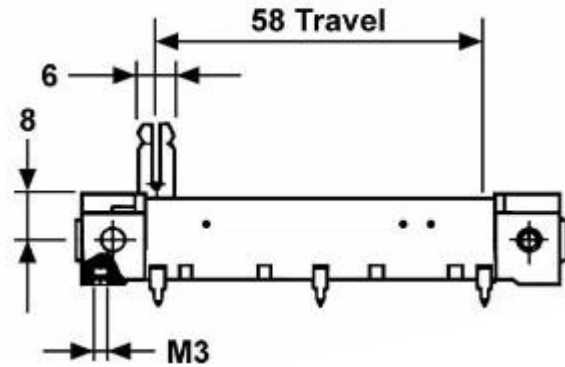
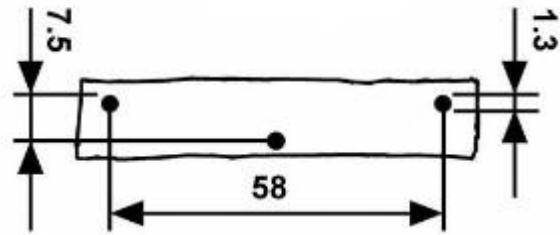
**Slide-Potentiometer PCB**

R-Tolerance: ±20%

Rated power linear: 0.4W/40°C

Rated power logarithmic: 0.2W/40°C

Delivery content: Potentiometer inclusive Button



Resistance in Ω	Order No Linear	Order No Logarithmic	Resistance in Ω	Order No Linear	Order No Logarithmic
1k	ROA.1K0	ROB.1K0	1k		ROB.1K0P
2.2k	ROA.2K2	ROB.2K2	2.2k	ROA.2K2P	ROB.2K2P
10k		ROB.10K	10k		ROB.10KP
22k	ROA.22K	ROB.22K	22k		ROB.22KP
47k	ROA.47K	ROB.47K	47k		ROB.47KP
100k	ROA.100K	ROB.100K	100k		ROB.100KP
220k	ROA.220K	ROB.220K	220k	ROA.220KP	ROB.220KP
470k		ROB.470K	470k	ROA.470KP	ROB.470KP
1M	ROA.1M0	ROB.1M0	1M	ROA.1M0P	ROB.1M0P

Linear Version



Logarithmic Version

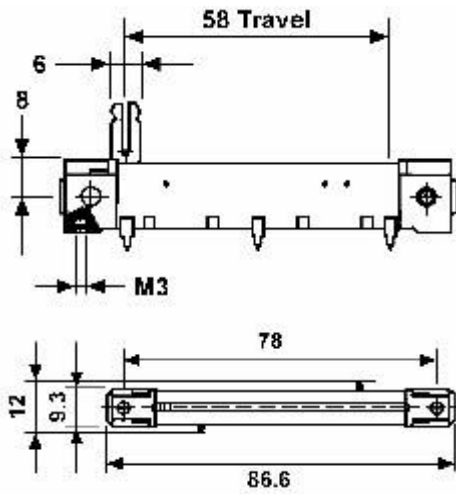


**While stock lasts**

**Slide-Potentiometer with Centre Tap (PCB)**

**Linear**

R-Tolerance: ±20%



Resistance in $\Omega$	Order No Linear
10k	<a href="#">ROA.10KMAP</a>
25k	<a href="#">ROA.25KMAP</a>
100k	<a href="#">ROA.100KMAP</a>



**Dual-Slide-Potentiometer PCB**

**Logarithmic**

R-Tolerance: ±20%



Resistance in $\Omega$	Order No Logarithmic
10k	<a href="#">ROB.T10KP</a>



**Accessories**



Resistance in $\Omega$	Order No Logarithmic
<a href="#">ROA.K</a>	Button for Slide-Potentiometer Types ROA.xx + ROB.xx
<a href="#">RSE.B</a>	<b>Single Dial</b> Marking: 10 – 0 – 10 Dimension: 20 x 100mm
<a href="#">RSD.A</a>	<b>Double Dial</b> Marking: 10 – 0 – 10 Dimension: 40 x 100mm

