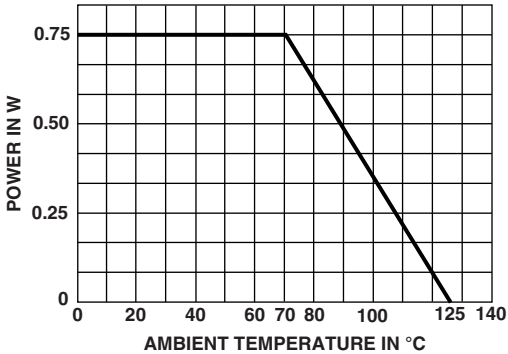
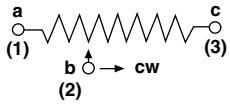


ELECTRICAL SPECIFICATIONS		
Resistive element	Cermet	
Electrical travel	15 turns $\pm$ 1	
Resistance range	10 Ω to 5 M Ω	
Standard series E3	1 - 2 - 5	
Tolerance	Standard	$\pm$ 10 %
Power rating	Linear	0.75 W at + 70 °C 
Circuit diagram		
Temperature coefficient	See Standard Resistance Element table	
Limiting element voltage (linear law)	400 V	
Contact resistance variation	1 % R _n or 1 Ω max.	
End resistance (typical)	1 % or 2 Ω	
Dielectric strength (RMS)	1000 V	
Insulation resistance (500 V _{DC})	10 ³ M Ω min.	

MECHANICAL SPECIFICATIONS	
Mechanical travel	18 turns $\pm$ 5
Operating torque (max. Ncm)	3.5
End stop torque	Clutch action
Net weight (max. g)	1.2
Wiper (actual travel)	Positioned at approx. 50 %
Terminals	Pure Sn (code e3)

ENVIRONMENTAL SPECIFICATIONS	
Temperature range	- 55 °C to + 125 °C
Climatic category	55/125/4
Sealing	Fully sealed - IP67

PERFORMANCES				
TESTS	CONDITIONS	TYPICAL VALUES AND DRIFTS		
		$\Delta R_T/R_T$ (%)	$\Delta V_{1-2}/V_{1-3}$ (%)	OTHER
Load life	1000 h at rated power 90'/30' - ambient temp. 70 °C	± 4 %	-	-
Humidity	4 days	± 3 %	-	Dielectric strength: 1000 V _{RMS} Insulation resistance: > 20 MΩ
Rapid temperature change	5 cycles - 55 °C to + 125 °C	± 0.5 %	± 2 %	-
Shock	50 g at 11 ms 3 successive shocks in 3 directions	± 2 %	± 2 %	-
Vibration	10 Hz to 55 Hz 0.75 mm or 10 g during 6 h	± 2 %	± 2 %	-
Rotational life	200 cycles	± (3 % + 1 Ω)	-	Contact res. variation: < 1 % R _n

STANDARD RESISTANCE ELEMENT DATA				
STANDARD RESISTANCE VALUES	LINEAR LAW			TYPICAL TCR - 55 °C + 125 °C
	MAX. POWER AT 70 °C	MAX. WORKING VOLTAGE	MAX. WIPER CUR.	
Ω	W	V	mA	ppm/°C
10	0.75	2.74	274	± 100
20	0.75	3.87	194	
50	0.75	6.12	122	
100	0.75	8.66	87	
200	0.75	12.2	61	
500	0.75	19.4	39	
1K	0.75	27.4	27	
2K	0.75	38.7	19	
5K	0.75	61.2	12	
10K	0.75	86.6	8.7	
20K	0.75	122	6.1	
50K	0.75	194	3.9	
100K	0.75	274	2.7	
200K	0.75	387	1.9	
500K	0.32	400	0.80	
1M	0.16	400	0.40	
2M	0.08	400	0.20	
4M	0.03	400	0.08	

MARKING
- Vishay trademark - Vishay part number or model, ohmic value code and tolerance code - Manufacturing date - Marking of terminals 1 and/or 3

PACKAGING
- In box of 200 pieces code B40 (BO200) On request: - In box of 100 pieces code B30 (BO100) - In tube of 25 pieces code T10 (TU25)



ORDERING INFORMATION (Part Number)

M	4	3	P	1	0	3	K	B	4	0	T	6	0	1
Model	STYLE		OHMIC VALUE				TOLERANCE	PACKAGING			SPECIAL NUMBER			
M43	P		From 100 Ω to 5 M Ω 103 = 10 k Ω				K = 10 %	B40 = Box 200 pieces On request: B30 = Box 100 pieces T10 = Tube 25 pieces			(If applicable) Given by Vishay for custom design			

DESCRIPTION (for information only)

43	P	10K	10 %	T601	BO100	e3
MODEL	STYLE	VALUE	TOLERANCE	SPECIAL	PACKAGING	LEAD FINISH



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Please note that some Vishay documentation may still make reference to RoHS Directive 2002/95/EC. We confirm that all the products identified as being compliant to Directive 2002/95/EC conform to Directive 2011/65/EU.

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Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

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Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

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Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9