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## M63 General product evolution

For further information, please contact your regional Vishay office.

### CONTACT INFORMATION

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**Description of Change:** Product, Packaging and manufacturing site change

**Reason for Change:** Product range Rationalization to avoid obsolescence

**Expected Influence on Quality/Reliability/Performance:** No influence on Quality / Reliability / Performance

**Part Numbers/Series/Families Affected:** M63\*

**Vishay Brand(S):** Vishay Sfernice

**Time Schedule:**

Start Shipment Date: Monday July 5, 2027

**Sample Availability:** W18 2027

**Product Identification:** trimmer marking

**Qualification Data:** Available on request

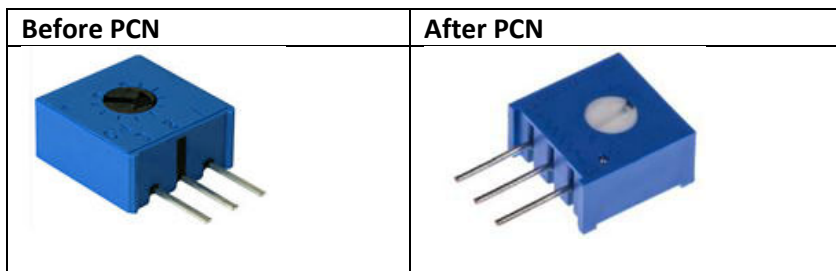
**This PCN is considered approved, without further notification, unless we receive specific customer concerns before Wednesday October 7, 2026 or as specified by contract.**

**Issued By:** Pierre Lesur, pierre.lesur@vishay.com

### PRODUCT CHANGE

Characteristics	Before PCN	After PCN
Resistance range	100 ohms to 2Mohms	10 ohms to 2Mohms
Power rating	0.5W at 70°C	0.5W at 85°C
Limiting element voltage	250V	300v
Electrical travel	270°	280°
Dielectric withstand voltage	1000 VAC at sea level; 250 VAC at 80 000 ft (24 000 m)	900 VAC at sea level; 350 VAC at 70 000 ft (21 000 m)
Mechanical travel	300°	310°
Temperature Range	-55°C to +125°C	-65°C to 150°C
Electrical endurance	1000h at rated power-ambient temp. 70°C	1000h at rated power- ambient temp. 85°C
Vibration	10g	30 g
Shock	-	100 g
Mechanical life	200 cycles	200 cycles
Damp heat steady state	21 days	MIL-STD-202 method 103 s

### VISUAL CHANGE :



### PACKAGING CHANGE

#### Before PCN

- B40 = box 200 pieces
- B30 = box 100 pieces
- T20 = tube 50 pieces

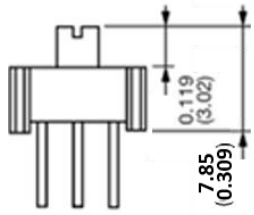
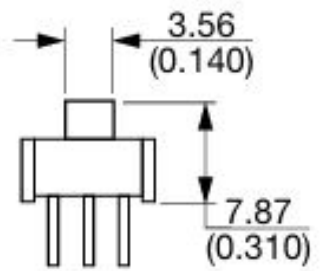
#### After PCN

- T20 = tube 50 pieces

## UPDATED PRODUCT DRAWING

Before PCN - inch (mm)	After PCN - mm (inch)
<p><b>Common dimensions</b></p>	
<p><b>63P (Bottom View)</b></p>	
<p><b>63X</b></p>	
<p><b>63M (Bottom View)</b></p>	
<p><b>Knob option: T607</b></p>	

## PCN Appendix : CHANGES (before / after PCN)

Knob option: T614	Knob option: T614
	

Vishay Material Code	Customer Material	Location
M63P101KB40	VSPM63P101KB40	Ft Worth
M63P103KB30T607	VSPM63P103KB30T607	Ft Worth
M63P103KB40	VSPM63P103KB40	Ft Worth
M63P201KB40	VSPM63P201KB40	Ft Worth
M63M103KB30T607	VSPM63M103KB30T607	Maisach Gernlinden
M63P101KB40	VSPM63P101KB40	Maisach Gernlinden
M63P203KB40	VSPM63P203KB40	Maisach Gernlinden
M63P502KB40	VSPM63P502KB40	Maisach Gernlinden
M63P503KB40	VSPM63P503KB40	Maisach Gernlinden
M63X201KB40	VSPM63X201KB40	Maisach Gernlinden
M63P103KB40	M63P103KB40	Singapore
M63P103KB30T640	M63P103KB30T640	Singapore