



The DNA of tech.™

M63 General product evolution

For further information, please contact your regional Vishay office.

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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

Before PCN	After PCN
	

PACKAGING CHANGE

- No change



PCN Appendix : CHANGES (before / after PCN)

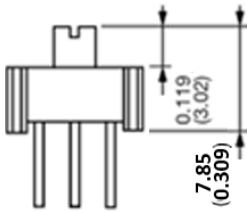
UPDATED PRODUCT DRAWING

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

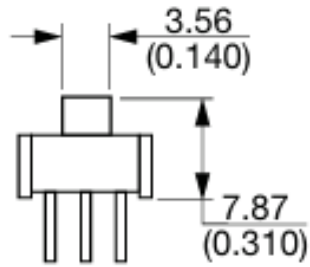


PCN Appendix : CHANGES (before / after PCN)

Knob option: T614



Knob option: T614



MANUFACTURING SITE CHANGE

before PCN: Country of Origin CZ

after PCN: Country of Origin CR