



# Product Change Notification



Vishay Division ESTA – Power Capacitors / PCN\_ESTA 002-2021\_Rev0

## Vishay ESTA LVAC Power Capacitors PhMKP(g) Series IP00, 84mm diameter, Change to discrete Discharge Resistor Unit

### DESCRIPTION OF CHANGE:

The previous thickfilm ceramic discharge resistor device will be replaced by a discrete component discharge resistor unit in a plastic casing.

### CLASSIFICATION OF CHANGE:

Replacement with same technical behavior.

### REASON FOR CHANGE:

Improvement.

### EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

More robust resistor unit for the demanding handling and operation in the field.

### PRODUCT CATEGORY:

Low Voltage AC Power Capacitors of PhMKP, PhMKPg and ACMKP series.

### PART NUMBERS / SERIES / FAMILIES AFFECTED:

PhMKPXXX.X.XX,XX-84, 5341-444XX-XX, 5341-436XX-XX and 5348-436XX-XX  
PhMKPgXXX.X.XX,XX-84, 5343-440XX-XX, 5343-435XX-XX and 5348-435XX-XX  
ACMKPXXX.X.XX,XX-84, 5348-508XX-XX and 5348-510XX-XX

### VISHAY BRAND(s):

Vishay ESTA

### TIME SCHEDULE:

Starting 2021 - subject to stock availability of previous design

**SAMPLE AVAILABILITY:** On request.

### PRODUCT IDENTIFICATION:

PhMKPXXX.X.XX,XX-84 → PhMKPXXX.X.XX,XX-84  
PhMKPgXXX.X.XX,XX-84 → PhMKPgXXX.X.XX,XX-84  
ACMKPXXX.X.XX,XX-84 → ACMKPXXX.X.XX,XX-84

**This PCN is considered approved, without further notification, unless we receive specific customer concerns be communicated in writing prior to July 1<sup>st</sup>, 2021.**

**ISSUED BY:** Vishay Europe Sales GmbH - Division ESTA, Josef Reindl, 30<sup>th</sup> March 2021.

**For further information, please contact your Vishay ESTA LVAC Sales & Marketing Team:**

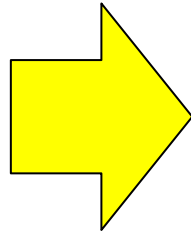
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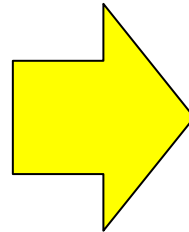
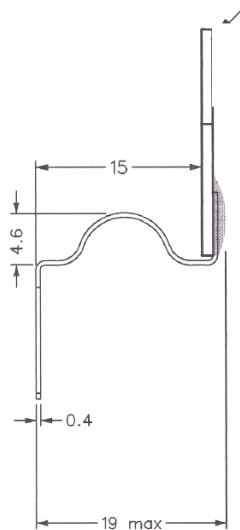
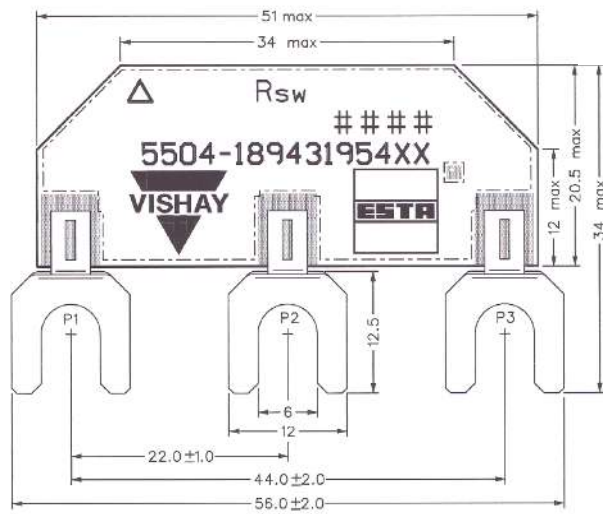
ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENTS



<b>Tolerance on resistance</b>	± 5%
<b>Dimensions Casing (L x W x H)</b>	60 x 26 x 8.6mm
<b>Rated dissipation, W</b>	3 W per resistor element
<b>Max. voltage</b>	750 V per resistor element
<b>Resistor film</b>	Metal oxide
<b>Terminals</b>	Ring type lugs 0,5-5 mm <sup>2</sup>
<b>Casing material</b>	UL 94
<b>Flammability class</b>	HB
<b>Deviation in R-value after 150 000 operating hours / max. lifetime of the capacitor</b>	- 15%

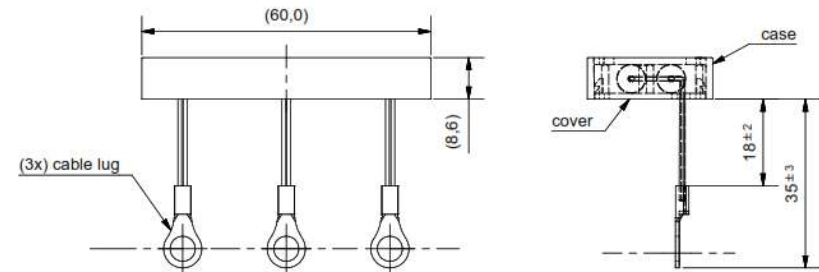
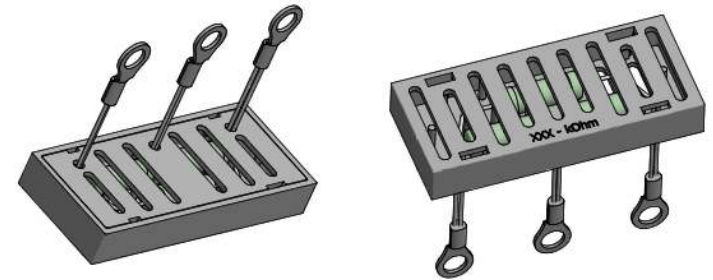
<b>Previous Part Number</b>	<b>→</b>	<b>NEW Part Number</b>
PhMKP ... -84: 5341-444XX-X	→	PhMKP ... -84: 5341-444XX-(X+1)
PhMKP ... -84: 5341-436XX-X	→	PhMKP ... -84: 5341-436XX-(X+1)
PhMKP ... -84: 5348-436XX-X	→	PhMKP ... -84: 5348-436XX-(X+1)
PhMKPg ... -84: 5343-440XX-X	→	PhMKPg ... -84: 5343-440XX-(X+1)
PhMKPg ... -84: 5343-435XX-X	→	PhMKPg ... -84: 5343-435XX-(X+1)
PhMKPg ... -84: 5348-435XX-X	→	PhMKPg ... -84: 5348-435XX-(X+1)
ACMKP ... -84: 5348-508XX-X	→	ACMKP ... -84: 5348-508XX-(X+1)
ACMKP ... -84: 5348-510XX-X	→	ACMKP ... -84: 5348-510XX-(X+1)

### Thickfilm discharge resistor device



### New discrete component discharge resistor unit

DELTA resistor circuit (Drawing E-016-887- ...)



STAR resistor circuit (Drawing E-016-888- ...)

