

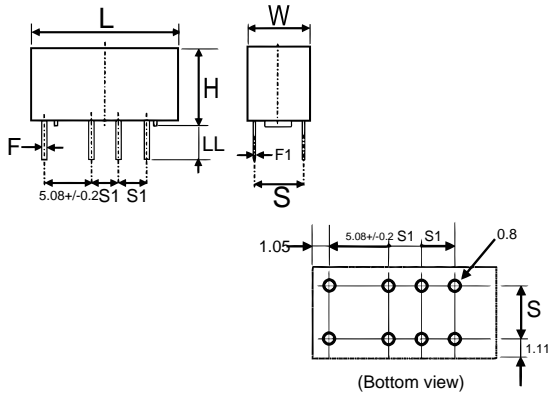


# THE DATASHEET OF EC2-5ND



**KEMET Part Number: EC2-5ND**  
(EC25ND)

Relays, Signal, KEMET, EC2



**Dimensions**

<b>L</b>	15mm MAX
<b>W</b>	7.5mm MAX
<b>H</b>	9.4mm MAX
<b>LL</b>	3.2mm +/-0.1mm
<b>S</b>	5.08mm +/-0.2mm
<b>S1</b>	2.54mm +/-0.2mm
<b>F</b>	0.5mm +/-0.1mm
<b>F1</b>	0.25mm +/-0.1mm

**Packaging Specifications**

<b>Packaging:</b>	Bulk
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**General Information**

<b>Style:</b>	Through-Hole
<b>Series:</b>	EC2
<b>Description:</b>	Miniature Signal Relay, Non-latch
<b>Features:</b>	Compact and light weight. FCC (1500 V) and Telcordia (2500 V) surge capacity. UL recognized and CSA certified. Low power consumption (100-200 mW). ND type (High insulation). NKX type (High breakdown voltage) can withstand 1.5KVAC at open contacts.
<b>RoHS:</b>	Yes
<b>Coil Type:</b>	Single Coil (Non-Latching)

**Specifications**

<b>Temperature Range:</b>	-40/+85C
<b>Coil Voltage:</b>	5 V
<b>Coil Resistance:</b>	125 Ohms +/-10%
<b>Contact Form:</b>	2 Form C (DPDT)
<b>Contact Material:</b>	Silver Alloy With Gold Alloy Overlay
<b>Voltage Characteristics:</b>	3.75 (Operate) / 0.5 (Release)
<b>Switching Power:</b>	60 W, 125 VA
<b>Switching Voltage DC:</b>	220 V
<b>Switching Voltage AC:</b>	250 VAC
<b>Switching Current:</b>	2 Amps
<b>Contact Current Class:</b>	>10A
<b>Carrying Current:</b>	2 Amps
<b>Contact Resistance:</b>	75 mOhms
<b>Operation Time:</b>	Approximately 2ms
<b>Release Time:</b>	Approximately 1ms
<b>Insulation Resistance:</b>	1 GOhms
<b>Withstanding Voltage:</b>	1000 VAC (1min) 1500 V Surge
<b>Miscellaneous:</b>	Not Available, Please Contact MFG for other options

## Looking for pricing, stock, or lifecycle information?

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