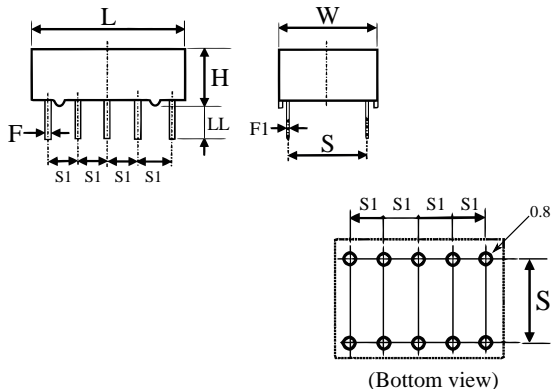


**KEMET Part Number: EA2-5TNU**  
(USREA2050TNU00)

KEMET, EA2, Relays, Signal



General Information	
<b>Series:</b>	EA2
<b>Style:</b>	Through-Hole
<b>Description:</b>	Miniature Signal Relay, Double Coil Latch
<b>Features:</b>	Compact Size, Flat-Package. FCC (1500 V) surge capacity. UL recognized and CSA certified. Low power consumption (100-200 mW)
<b>RoHS:</b>	Yes
<b>Coil Type:</b>	Double Coil (Latching)

Dimensions	
<b>L</b>	14.2mm MAX
<b>W</b>	9.2mm MAX
<b>H</b>	5.4mm MAX
<b>LL</b>	3.5mm +/-0.2mm
<b>S</b>	7.62mm +/-0.2mm
<b>S1</b>	2.54mm +/-0.2mm
<b>F</b>	0.5mm +/-0.2mm
<b>F1</b>	0.25mm +/-0.1mm

Specifications	
<b>Temperature Range:</b>	-40/+85°C
<b>Coil Voltage:</b>	5 V
<b>Coil Resistance:</b>	178 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 (Set/Reset)
<b>Switching Power:</b>	30 W, 62.5 VA
<b>Switching Voltage DC:</b>	220 V
<b>Switching Voltage AC:</b>	250 VAC
<b>Switching Current:</b>	1 A
<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

Packaging Specifications	
<b>Packaging:</b>	Bulk