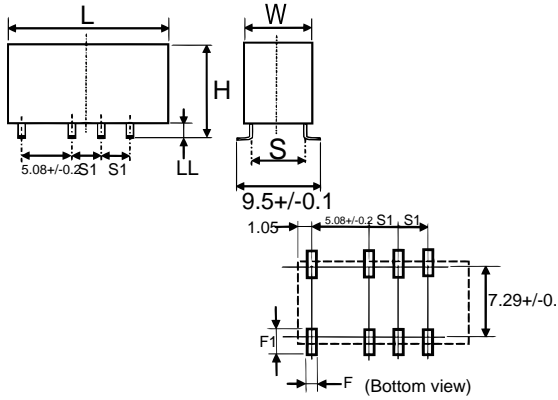


**KEMET Part Number: EE2-4.5NU**  
(USREE20450NU00)

Relay, Miniature Signal Relay, Non-latch, 2 Form C (DPDT), 4.5 V, -40/+85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	15	MAX
W	7.5	MAX
H	10.35	MAX
S	5.08	+/-0.2
S1	2.54	+/-0.2
LL	1.35	+/-0.1
F	1	+/-0.1
F1	2.73	+/-0.1

**Notes:**

-Do not use relays under exceeding conditions such as over ambient temperature, over voltage and over current. Incorrect use could result in abnormal heating, damage to related parts or cause burning.

-Read the cautions described in NEC TOKIN's "Miniature Relays" when you choose relays for your application.

General Information	
<b>Supplier:</b>	KEMET
<b>Part Type 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>Application:</b>	Signal
<b>RoHS:</b>	Yes

Specifications	
<b>Contact Form:</b>	2 Form C (DPDT)
<b>Contact Material:</b>	Silver alloy with gold alloy overlay
<b>Coil Type:</b>	Single Coil (Non-Latching)
<b>Coil Voltage:</b>	4.5 V
<b>Coil Resistance:</b>	145 Ohm +/-10%
<b>Voltage Characteristic:</b>	3.38 (Operate) / 0.45 (Release)
<b>Power:</b>	140mW
<b>Temperature Range:</b>	-40/+85C
<b>Switching Power:</b>	60 W, 125 VA
<b>Switching Voltage:</b>	220 VDC, 250 VAC
<b>Switching Current:</b>	2 A
<b>Carrying Current:</b>	2A
<b>Contact Resistance:</b>	75 mOhm (max)
<b>Operation Time:</b>	Approx. 2 ms
<b>Release Time:</b>	Approx. 1 ms
<b>Insulation Resistance:</b>	1 GOhm
<b>Withstanding Voltage:</b>	1000 VAC (1min) 1500 V surgeVAC

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