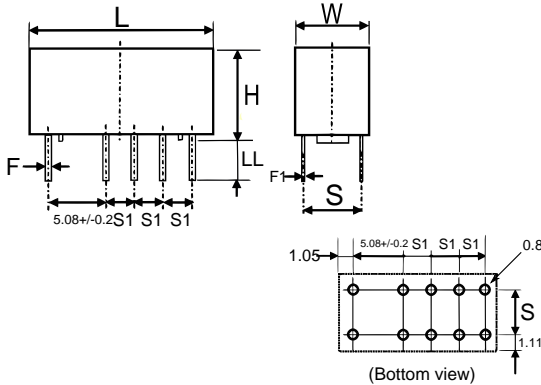


KEMET Part Number: EC2-4.5TNU
(USREC2045TNU00)

Relay, Miniature Signal Relay, Double Coil Latch, 2 Form C (DPDT), 4.5 V, -40/+85C



Dimensions (mm)		
Symbol	Dimension	Tolerance
L	15	MAX
W	7.5	MAX
H	9.4	MAX
S	5.08	+/-0.2
S1	2.54	+/-0.2
LL	3.2	+/-0.1
F	0.5	+/-0.1
F1	0.25	+/-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	
Supplier:	KEMET
Part Type Description:	Miniature Signal Relay, Double Coil Latch
Features:	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.
Application:	Signal
RoHS:	Yes

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

Packaging Specifications	
Package Kind:	Bulk