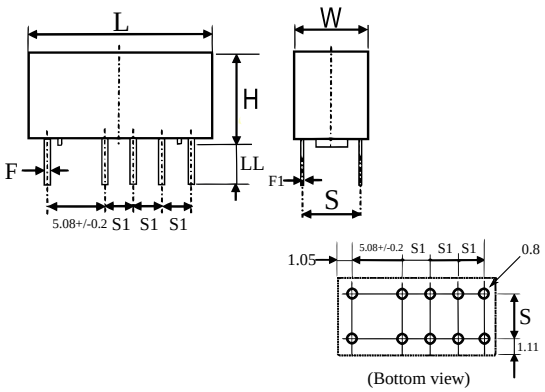
KEMET Part Number: EC2-12TNU

(USREC2120TNU00)

KEMET, EC2, Relays, Signal



General Information	
Series:	EC2
Style:	Through-Hole
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.
RoHS:	Yes
Coil Type:	Double Coil (Latching)

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

Specifications	
Temperature Range:	-40/+85C
Coil Voltage:	12 V
Coil Resistance:	1028 Ohms +/-10%
Contact Form:	2 Form C (DPDT)
Contact Material:	Silver Alloy With Gold Alloy Overlay
Voltage Characteristics:	9 (Set/Reset)
Switching Power:	60 W, 125 VA
Switching Voltage DC:	220 V
Switching Voltage AC:	250 VAC
Switching Current:	2 A
Contact Current Class:	>10A
Carrying Current:	2 Amps
Contact Resistance:	75 mOhms
Operation Time:	Approximately 2ms
Release Time:	Approximately 1ms
Insulation Resistance:	1 GOhms
Withstanding Voltage:	1000 VAC (1min) 1500 V Surge

Packaging Specifications	
Packaging:	Bulk

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