



ARE1312 | RE Relays (ARE)

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To Be Discontinued Last time buy September 30, 2021

Product Number	ARE1312
Part Number	ARE1312
Details	PCB, Thru-hole, 12V DC
Product name	RE Relays (ARE)
Features	2.6 GHz capable, 10 W carrying power (at 2.6 GHz), 50Ω/75Ω impedance and 1 Form C relays

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As of October 09, 2020 Specifications and design of the products are subject to change without notice for the product improvement.

Spec Detail

Item	Specifications
Product Number	ARE1312
Part Number	ARE1312
Protective construction	Sealed Type
Terminal shape	PCB, Thru-hole
Coil voltage	12V DC
Nominal Operating Power	200mW
Pick-up voltage	75%V or less of rated voltage(Initial)
Drop-out voltage	10%V or more of rated voltage(Initial)
Contact arrangement	1 Form C
Contact material	Au
Impedance	75Ω
Contact rating	1W (at 2.6GHz (Impedance 75Ω, V.S.W.R. Max.1.5) 10mA 24V DC (resistive load)
Contact carrying power	10W (at 2.6GHz (Impedance 75Ω, V.S.W.R. Max.1.5)
Isolation	Min. 60dB (to 900MHz), Min. 30dB (to 2.6GHz)
Insertion (Without D.U.T board's loss)	Max. 0.2dB (to 900MHz), Max. 0.5dB (to 2.6GHz)
V.S.W.R	Max. 1.2 (to 900MHz), Max. 1.5 (to 2.6GHz)
Expected life (Mechanical) (Min.operation)	1x10 ⁶
Expected life (Electrical)	3x10 ⁵ 1W, 2.6GHz, [Impedance 75 Ω, V.S.W.R.1.5] 3x10 ⁵ 10mA 24V DC (resistive load) (at 20cpm)
Breakdown voltage (Contact-Contact) (Initial)	500Vrms

Breakdown voltage (Contact-Coil)(Initial)	1000Vrms
Ambient temperature	-40°C to +70°C
Packing style	Carton packing
Operating function	Single Side Stable Type

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