

R586W427050TOK

Aliases (586W427050TOK)

R58, Film, Metallized Polypropylene, Automotive Safety, 2.7 uF, 10%, 1,200 VDC, 600 VAC (X1), 110°C, 37.5 mm



Click [here](#) for the 3D model.

General Information

Series	R58
Dielectric	Metallized Polypropylene
Style	Radial
Features	EMI Safety, Automotive Grade
RoHS	Yes
Termination	Tinned Wire
Lead	Wire Leads
Safety Class	X1
Qualifications	AEC-Q200, ENEC, UL, cUL
AEC-Q200	Yes
THB Performance	Yes
Typical Component Weight	57 g

Dimensions

L	42mm +0.5/-0.7mm
H	44mm +0.3/-0.7mm
T	24mm +0.3/-0.7mm
S	37.5mm +/-0.4mm
LL	25mm +2/-1mm
F	1mm +/-0.05mm

Packaging Specifications

Packaging	Bulk, Bag
Packaging Quantity	44

Specifications

Capacitance	2.7 uF
Tolerance	10%
Voltage DC	1200 VDC
Voltage AC	600 VAC (X1)
Temperature Range	-40/+110°C
Rated Temperature	110°C
Dissipation Factor	0.2% 1kHz
Insulation Resistance	11.1111 GOhms
Max dV/dt	150 V/us

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.