

F461DY825K160R

Not for New Design

F461, Film, Metallized Polypropylene, General Purpose, 8.2 uF, 10%, 160 VDC, 85°C, Lead Spacing = 22.5mm



General Information

Series	F461
Dielectric	Metallized Polypropylene
Style	Radial
Features	MKP, Pulse
RoHS	Yes
Lead	Wire Leads
AEC-Q200	No
Component Weight	11.31 g
Miscellaneous	The Rated Voltage Decreases 2%/C Between +85C And +105C (1.25%/C For AC). ClimCat: 55/105/56.
Notes	Series Replaced by R75.

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

Dimensions

L	26mm -0.5mm
H	24.5mm -0.5mm
T	15.5mm -0.5mm
S	22.5mm +0.6/-0.1mm
H ₀	18.5mm +/-0.5mm
F	0.8mm +/-0.05mm
G	0.5mm NOM

Packaging Specifications

Packaging	Ammo, 360x340x59mm, Box
Packaging Quantity	170

Specifications

Capacitance	8.2 uF
Capacitance Tolerance	10%
Voltage AC	90 VAC
Voltage DC	160 VDC, 96 VDC (105C)
Temperature Range	-55/+105°C
Rated Temperature	85°C
Dissipation Factor	0.1% 1kHz
Insulation Resistance	3.659 GOhms
Max dV/dt	60 V/us
Inductance	6 nH

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.