

# B41042A8277M

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### B41042A8277M Information

	Part Number	B41042A8277M	
Heisener.com	Manufacturer	EPCOS (TDK)	
	Category	Capacitors Aluminum Electrolytic Capacitors	
	Description	CAP ALUM 270UF 20% 63V RADIAL	
	Package	Radial, Can	
		For the pricing/inventory/lead time, please contact	
		us	
r Reference Only		Website: https://www.heisener.com	
Reference Only		E-mail: salesdept@heisener.com	



For

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## **B41042A8277M Specifications**

ManufacturerEPCOS (TDK)CategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanStriesB41042Capacitance270µFTolerance±20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature55°C ~ 105°CPolarizationGeneral PurposeApplicationsGeneral PurposeRipple Current - High Frequency1.455A @ 100kHzImpedance280 mOhmsLied Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.663" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseKadial, Can	-	
CategoryCapacitorsAluminum Electrolytic CapacitorsPackageRadial, CanSeriesB41042Capacitance270µFTolerance±20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - High Frequency1.345A @ 100kHzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseKadial, Can	Manufacturer Part Number	B41042A8277M
Aluminum Electrolytic CapacitorsPackageRadial, CanSeriesB41042Capacitance270µFTolerance±20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature55°C ~ 105°CPolarizationGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzRipple Current - High Frequency1.345A @ 100kHzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Pokage / CaseRadial, Can	Manufacturer	EPCOS (TDK)
PackageRadial, CanSeriesB41042Capacitance270µFTolerance20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature5000 Hrs @ 105°CPolarizationFolarApplicationsGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzRipple Current - High Frequency380 mOhmsLied Spacing0.197" (5.00mm)Siz / Dinension0.492" Dia (12.50mm)Siz / Dinension0.492" Dia (12.50mm)Sirface Mount Land Size-Mounting TypeFinough HolePackage / CaseKaial, Can	Category	Capacitors
SeriesB41042Capacitance270μFTolerance±20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzInpedance280 mOhmsLiad Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseKadial, Can		Aluminum Electrolytic Capacitors
Capacitance270µFTolerance±20%Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - High Frequency1.345A @ 100kHzImpedance280 mOhmsLiad Spacing0.197" (5.0mm)Size / Dimension0.492" Dia (12.50mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRatial, Can	Package	Radial, Can
Tolerance±20%Voltage Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - High Frequency941.5mA @ 120HzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension1.063" (27.00mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRatial, Can	Series	B41042
Voltage - Rated63VESR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeFrequencyPackage / CaseRatial, Can	Capacitance	270µF
FSR (Equivalent Series Resistance)-Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarPolarApplicationsGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Tolerance	±20%
Lifetime @ Temp.5000 Hrs @ 105°COperating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzRipple Current - High Frequency1.345A @ 100kHzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Voltage - Rated	63V
Operating Temperature-55°C ~ 105°CPolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzRipple Current - High Frequency1.345A @ 100kHzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	ESR (Equivalent Series Resistance)	-
PolarizationPolarApplicationsGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzRipple Current - High Frequency1.345A @ 100kHzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Lifetime @ Temp.	5000 Hrs @ 105°C
ApplicationsGeneral PurposeRipple Current - Low Frequency941.5mA @ 120HzRipple Current - High Frequency1.345A @ 100kHzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Operating Temperature	$-55^{\circ}C \sim 105^{\circ}C$
InInRipple Current - Low Frequency941.5mA @ 120HzRipple Current - High Frequency1.345A @ 100kHzImpedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Polarization	Polar
In Proposition of Pr	Applications	General Purpose
Impedance280 mOhmsLead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Ripple Current - Low Frequency	941.5mA @ 120Hz
Lead Spacing0.197" (5.00mm)Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Ripple Current - High Frequency	1.345A @ 100kHz
Size / Dimension0.492" Dia (12.50mm)Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Impedance	280 mOhms
Height - Seated (Max)1.063" (27.00mm)Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Lead Spacing	0.197" (5.00mm)
Surface Mount Land Size-Mounting TypeThrough HolePackage / CaseRadial, Can	Size / Dimension	0.492" Dia (12.50mm)
Mounting TypeThrough HolePackage / CaseRadial, Can	Height - Seated (Max)	1.063" (27.00mm)
Package / Case Radial, Can	Surface Mount Land Size	-
	Mounting Type	Through Hole
Report errors?	Package / Case	Radial, Can
		Report errors?

#### B41042A8277M Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **B41042A8277M Payment Methods**





If you have any question about B41042A8277M, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com