

# PWR163S-25-2R50F

#### **PWR163S-25-2R50F Information**



Part Number	PWR163S-25-2R50F
Manufacturer	Bourns Inc.
Category	Resistors Chip Resistor - Surface Mount
Description	RES SMD 2.5 OHM 1% 25W DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

For Reference Only

## **Certified Quality**

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.



# PWR163S-25-2R50F Specifications

Manufacturer Part Number   PWR163S-25-2R50F     Manufacturer   Bourns Inc.     Category   Resistors     Chip Resistor - Surface Mount   Chip Resistor - Surface Mount     Package   TO-252-3, DPak (2 Leads + Tab), SC-63     Series   PWR163     Resistance   2,5 Ohms     Tolerance   ±1%     Power (Watts)   25W     Composition   Thick Film     Features   Automotive AEC-Q200, Current Sense, Pulse Withstanding     Poerafing Temperature   ±100ppm/°C     Operating Temperature   55°C ~ 155°C     Package / Case   DPAK     Size / Dimension   0.320° L x 0.324° W (8.13mm x 8.22mm)     Height - Seated (Max)   0.125° (3.17mm)     Number of Terminations   2			
CategoryResistorsCategoryResistor - Surface MountPackageTO-252-3, DPak (2 Leads + Tab), SC-63PackagePWR163Resistance2.5 OhmsTolerance±1%Power (Watts)25WCompositionThick FilmFeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100ppm/°COperating Temperature-55°C ~ 155°CSupplier Device PackageTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device Package0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Manufacturer Part Number	PWR163S-25-2R50F	
Chip Resistor - Surface MountPackageTO-252-3, DPak (2 Leads + Tab), SC-63SeriesPWR163Resistance2.5 OhmsTolerance±1%Power (Watts)25WCompositionThick FilmFeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100pm/°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Manufacturer	Bourns Inc.	
PackageTO-252-3, DPak (2 Leads + Tab), SC-63SeriesPWR163Resistance2.5 OhmsTolerance±1%Power (Watts)25WCompositionThick FilmFeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100pm/°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320° L x 0.324° W (8.13mm x 8.22mm)Height - Seated (Max)2Failure Rate-	Category	Resistors	
SeriesPWR163Resistance2.5 OhmsTolerance±1%Power (Watts)25WCompositionThick FilmFeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100ppm/°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)2Failure Rate-		Chip Resistor - Surface Mount	
Resistance2.5 OhmsTolerance±1%Power (Watts)25WCompositionThick FilmFeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100ppm°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)2Number of Terminations2Failure Rate-	Package	TO-252-3, DPak (2 Leads + Tab), SC-63	
Tolerance±1%Power (Watts)25WCompositionThick FilmFeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100pm/°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Series	PWR163	
Power (Watts)25WCompositionThick FilmFeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100ppm/°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Resistance	2.5 Ohms	
CompositionThick FilmFeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100pm/°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Tolerance	$\pm 1\%$	
FeaturesAutomotive AEC-Q200, Current Sense, Pulse WithstandingTemperature Coefficient±100ppm/°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Power (Watts)	25W	
Temperature Coefficient±100ppm/°COperating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Composition	Thick Film	
Operating Temperature-55°C ~ 155°CPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Features	Automotive AEC-Q200, Current Sense, Pulse Withstanding	
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Temperature Coefficient	$\pm 100 ppm^{/\circ}C$	
Supplier Device PackageDPAKSize / Dimension0.320" L x 0.324" W (8.13mm x 8.22mm)Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Operating Temperature	-55°C ~ 155°C	
Size / Dimension 0.320" L x 0.324" W (8.13mm x 8.22mm)   Height - Seated (Max) 0.125" (3.17mm)   Number of Terminations 2   Failure Rate -	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	
Height - Seated (Max)0.125" (3.17mm)Number of Terminations2Failure Rate-	Supplier Device Package	DPAK	
Number of Terminations2Failure Rate-	Size / Dimension	0.320" L x 0.324" W (8.13mm x 8.22mm)	
Failure Rate -	Height - Seated (Max)	0.125" (3.17mm)	
	Number of Terminations	2	
Report errors?	Failure Rate	-	
			Report errors?

#### PWR163S-25-2R50F 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 BUARANTEE

#### **Service Guarantees**

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

DISCOVER

### PWR163S-25-2R50F Payment Methods



#### PWR163S-25-2R50F Shipping Methods



If you have any question about PWR163S-25-2R50F, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com