

BOURNS High Power Current Sense Chip Resistors

PWR263 SERIES POWER RESISTORS

BOURNS® PWR263 Series is a TO263 DPAK style power resistor. Manufactured using thick film on alumina ceramic technology, it is used in current measurement, snubber, bleeder and discharge circuits.

Specifications:

- Power rating @ 25°C case temp.: 20W
- TCR 0.5Ω/°C<R<130.0KΩ: ±100 PPM/°C
- Inductance: 0.1 μH max.
- Operating voltage: √P/R with a max. of 250V
- Insulation resistance: 10 GΩ
- Operating temp.: -55°C to 155°C

Features:

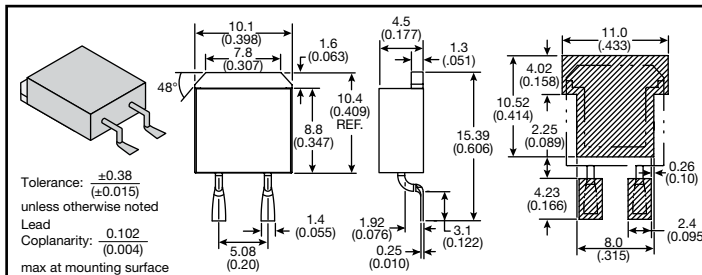
- DPAK Housing
- Low inductance
- Resistor electrically isolated from backplate
- High power rating
- Compatible with lead free solder reflow temps
- RoHS Compliant

Applications:

- Power supplies
- Motor drives
- Test and measurement
- Rectifiers



RoHS Compliant



PWR263 Series

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Power	Tol.	Value (ohms)	Price Each				
Mfr.	Mfr. Part Number				1	10	50	100	500
652	PWR263S-20-R500F	20	1%	0.5					
652	PWR263S-20-R500J	20	5%	0.5					
652	PWR263S-20-R750F	20	1%	0.75					
652	PWR263S-20-R750J	20	5%	0.75					
652	PWR263S-20-1R00F	20	1%	1.0					
652	PWR263S-20-1R00J	20	5%	1.0					
652	PWR263S-20-1R50F	20	1%	1.5					
652	PWR263S-20-1R50J	20	5%	1.5					
652	PWR263S-20-2R00F	20	1%	2.0					
652	PWR263S-20-2R00J	20	5%	2.0					
652	PWR263S-20-2R50F	20	1%	2.5					
652	PWR263S-20-2R50J	20	5%	2.5					
652	PWR263S-20-3R00F	20	1%	3.0					
652	PWR263S-20-3R00J	20	5%	3.0					
652	PWR263S-20-3R30F	20	1%	3.3					
652	PWR263S-20-3R30J	20	5%	3.3					
652	PWR263S-20-4R70F	20	1%	4.7					
652	PWR263S-20-4R70J	20	5%	4.7					
652	PWR263S-20-5R60F	20	1%	5.6					
652	PWR263S-20-5R60J	20	5%	5.6					
652	PWR263S-20-7R50F	20	1%	7.5					
652	PWR263S-20-7R50J	20	5%	7.5					
652	PWR263S-20-10R0F	20	1%	10					
652	PWR263S-20-10R0J	20	5%	10					
652	PWR263S-20-12R0F	20	1%	12					
652	PWR263S-20-12R0J	20	5%	12					
652	PWR263S-20-15R0F	20	1%	15					
652	PWR263S-20-15R0J	20	5%	15					
652	PWR263S-20-20R0F	20	1%	20					
652	PWR263S-20-20R0J	20	5%	20					
652	PWR263S-20-27R0F	20	1%	27					
652	PWR263S-20-27R0J	20	5%	27					

PWR263 Series Cont.

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Power	Tol.	Value (ohms)	Price Each				
Mfr.	Mfr. Part Number				1	10	50	100	500
652	PWR263S-20-30R0F	20	1%	30					
652	PWR263S-20-30R0J	20	5%	30					
652	PWR263S-20-33R0F	20	1%	33					
652	PWR263S-20-33R0J	20	5%	33					
652	PWR263S-20-47R0F	20	1%	47					
652	PWR263S-20-47R0J	20	5%	47					
652	PWR263S-20-56R0F	20	1%	56					
652	PWR263S-20-56R0J	20	5%	56					
652	PWR263S-20-75R0F	20	1%	75					
652	PWR263S-20-75R0J	20	5%	75					
652	PWR263S-20-1000F	20	1%	100					
652	PWR263S-20-1000J	20	5%	100					
652	PWR263S-20-3300F	20	1%	330					
652	PWR263S-20-3300J	20	5%	330					
652	PWR263S-20-4700F	20	1%	470					
652	PWR263S-20-4700J	20	5%	470					
652	PWR263S-20-1001F	20	1%	1K					
652	PWR263S-20-1001J	20	5%	1K					
652	PWR263S-20-3301F	20	1%	3.3K					
652	PWR263S-20-3301J	20	5%	3.3K					
652	PWR263S-20-1002F	20	1%	10K					
652	PWR263S-20-1002J	20	5%	10K					
652	PWR263S-20-3002F	20	1%	30K					
652	PWR263S-20-3002J	20	5%	30K					
652	PWR263S-20-1003F	20	1%	100K					
652	PWR263S-20-1003J	20	5%	100K					
652	PWR263S-20-1303F	20	1%	130K					
652	PWR263S-20-1303J	20	5%	130K					

Bourns Power Resistors

PWR 2615 SERIES SMD WIREWOUND RESISTORS

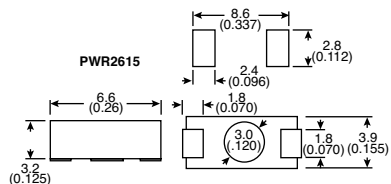
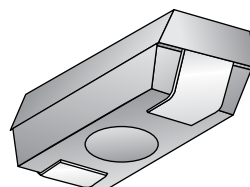


RoHS Compliant

PWR2615 Series

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Ω Value	Tol. %	Power Watts	Price Each				
Mfr.	Mfr. Part Number				1	25	50	100	200
PWR2615 Series									
652	PWR2615WR010F	0.01	1%	1W					
652	PWR2615WR100F	0.1	1%	1W					
652	PWR2615W1R00F	1	1%	1W					
652	PWR2615W10R0F	10	1%	1W					
652	PWR2615W1000F	100	1%	1W					
652	PWR2615W1001F	1K	1%	1W					



A

RoHS Compliant

B

RoHS Compliant

C

RoHS Compliant

PWR220/PWR221 F SERIES POWER RESISTORS

TO220 Style

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.		Fig	Ω Value	Power Watts	Price Each			
Mfr.	Mfr. Part Number				1	10	25	50
1% SMD								
652	PWR220-2FACodeF	A	.02 - 1K	30W				
1% Thru Hole								
652	PWR220-2FBCodeF	B	.02	30W				

TO221 Style

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.		Fig	Ω Value	Power Watts	Price Each			
Mfr.	Mfr. Part Number				1	10	25	50
1% Thru Hole								
652	PWR221-2FBCodeF	C	.02 - 7.5K	50W				

Value	Code	Value	Code	Value	Code	Value	Code	Value	Code
0.02	R020	1	1R00	25	25R0	330	330R	7.5K	7501
0.03	R030	1.5	1R50	27	27R0	400	400R	10K	1002
0.033	R033	2	2R00	30	30R0	470	470R	15K	1502
0.04	R040	2.5	2R50	33	33R0	500	500R	20K	2002
0.05	R050	3	3R00	40	40R0	560	560R	25K	2502
0.1	R100	3.3	3R30	47	47R0	750	750R	30K	3002
0.15	R150	4	4R00	50	50R0	1K	1001	33K	3302
0.2	R200	5	5R00	56	56R0	1.5K	1501	40K	4002
0.25	R250	7.5	7R50	75	75R0	2K	2001	47K	4702
0.3	R3000	8	8R00	100	100R	2.5K	2501	50K	5002
0.33	R330	10	10R0	120	120R	3K	3001		
0.4	R400	12	12R0	200	200R	3.3K	3301		
0.5	R500	15	15R0	250	250R	4K	4001		
0.75	R750	20	20R0	300	300R	5K	5001		