

2SD12690P Information


For Reference Only

Part Number [2SD12690P](#)
Manufacturer Panasonic Electronic Components
Category Discrete Semiconductor Products
[Transistors - Bipolar \(BJT\) - Single](#)
Description TRANS NPN 80V 4A TO-220F
Package TO-220-3 Full Pack
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


2SD12690P Specifications

Manufacturer Part Number	2SD12690P
Manufacturer	Panasonic Electronic Components
Category	Discrete Semiconductor Products Transistors - Bipolar (BJT) - Single
Package	TO-220-3 Full Pack
Series	-
Transistor Type	NPN
Current - Collector (Ic) (Max)	4A
Voltage - Collector Emitter Breakdown (Max)	80V
Vce Saturation (Max) @ Ib, Ic	500mV @ 150mA, 3A
Current - Collector Cutoff (Max)	10µA (ICBO)
DC Current Gain (hFE) (Min) @ Ic, Vce	130 @ 1A, 2V
Power - Max	2W
Frequency - Transition	30MHz
Operating Temperature	150°C (TJ)
Mounting Type	Through Hole
Package / Case	TO-220-3 Full Pack
Supplier Device Package	TO-220F-A1

[Report errors?](#)

2SD12690P 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.

2SD12690P Payment Methods



2SD12690P Shipping Methods



If you have any question about 2SD12690P, please do not hesitate to contact us!

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