

BRT12-F Information



For Reference Only

Part Number [BRT12-F](#)
Manufacturer Vishay Semiconductor Opto Division
Category Isolators
[Optoisolators - Triac, SCR Output](#)
Description PHOTOCOUPLER TRIAC 600V 6DIP
Package 6-DIP (0.300", 7.62mm)
 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.



BRT12-F Specifications

Manufacturer Part Number	BRT12-F
Manufacturer	Vishay Semiconductor Opto Division
Category	Isolators Optoisolators - Triac, SCR Output
Package	6-DIP (0.300", 7.62mm)
Series	-
Output Type	Triac
Zero Crossing Circuit	No
Number of Channels	1
Voltage - Isolation	5300Vrms
Voltage - Off State	600V
Static dV/dt (Min)	10kV/μs
Current - LED Trigger (I _{ft}) (Max)	1.2mA
Current - On State (I _t (RMS)) (Max)	300mA
Current - Hold (I _h)	500μA
Turn On Time	-
Voltage - Forward (V _f) (Typ)	1.1V
Current - DC Forward (I _f) (Max)	20mA
Operating Temperature	-40°C ~ 100°C
Mounting Type	Through Hole
Package / Case	6-DIP (0.300", 7.62mm)
Supplier Device Package	6-DIP
Approvals	CQC, UL

[Report errors?](#)

BRT12-F 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.

BRT12-F Payment Methods



BRT12-F Shipping Methods



If you have any question about BRT12-F, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com