









	Manufacturer Part Number: APT50GR120B2
	Manufacturer/Brand: Microsemi
	Part of Description: IGBT 1200V 117A 694W TO247
	Datasheets:  APT50GR120B2.pdf
	RoHS Status:  Lead free / RoHS
	Stock Condition: Compliant New original, Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	APT50GR120B2
Manufacturer	Microsemi
Description	IGBT 1200V 117A 694W TO247
Category	Discrete Semiconductor Products > Transistors - IGBTs -
Part Status	Require For Quote & Check Stock
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	3.2V @ 15V, 50A
Test Condition	600V, 50A, 4.3 Ohm, 15V
Td (on/off) @ 25°C	28ns/237ns
Switching Energy	2.14mJ (on), 1.48mJ (off)
Supplier Device Package	TO-247
Series	-
Power - Max	694W
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Input Type	Standard
IGBT Type	NPT
Gate Charge	445nC
Current - Collector Pulsed (Icm)	200A
Current - Collector (Ic) (Max)	117A

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