








 Wolfspeed. A CREE COMPANY	<h2 style="color: #E67E22;">E3M0120090D</h2>
	<p>Manufacturer Part Number: E3M0120090D</p> <hr/> <p>Manufacturer/Brand: Cree Wolfspeed</p> <hr/> <p>Part of Description: E-SERIES 900V, 120 MOHM, G3 SIC</p> <hr/> <p>Datasheets:  E3M0120090D.pdf</p> <hr/> <p>RoHS Status:  RoHS Compliant</p> <hr/> <p>Stock Condition: New original, 2672 pcs Stock Available.</p> <hr/> <p>Ship From: Hong Kong</p> <hr/> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	E3M0120090D
Manufacturer	Cree Wolfspeed
Description	E-SERIES 900V, 120 MOHM, G3 SIC
Category	Discrete Semiconductor Products > Transistors - FETs ,
Part Status	2672 pcs Stock
Vgs(th) (Max) @ Id	3.5V @ 3mA
Vgs (Max)	+18V, -8V
Technology	SICFET (Silicon Carbide)
Supplier Device Package	TO-247-3
Series	Automotive, AEC-Q101, E
RoHS Status	RoHS Compliant
Rds On (Max) @ Id, Vgs	155 mOhm @ 15A, 15V
Power Dissipation (Max)	97W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Input Capacitance (Ciss) (Max) @ Vds	350pF @ 600V
Gate Charge (Qg) (Max) @ Vgs	17.3nC @ 15V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	15V
Drain to Source Voltage (Vdss)	900V
Detailed Description	N-Channel 900V 23A (Tc) 97W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	23A (Tc)

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<p>In:</p>  <p>E3M-VG22 Omron Automation and Safety CONVERGENT PNP CABLE 4 X 1MM</p>	 <p>E3M-VG26 Omron Automation and Safety COLOR MARK W/TEACH PNP HORZ</p>	 <p>E3M0280090D Cree Wolfspeed E-SERIES 900V, 280 MOHM, G3 SIC</p>	 <p>E3MAUQG Switchcraft Inc. CONN RCPT 3POS MALE AU INSERT</p>
 <p>E3M-VG21 Omron Automation and Safety COLOR MARK W/TEACH NPN HORZ</p>	 <p>E3M0065090D Cree Wolfspeed E-SERIES 900V, 65 MOHM, G3 SIC M</p>	 <p>E3MB Switchcraft Inc. CONN RCPT 3POS MALE SLV SLD BLK</p>	 <p>E3MAUQG Switchcraft Inc. CONN RCPT 3POS MALE AU INSERT</p>

E3M0120090D Related keyword

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