

	<h2 style="color: #E67E22;">CMF10120D</h2>	
	<b>Manufacturer Part Number:</b>	<a href="#">CMF10120D</a>
	<b>Manufacturer/Brand:</b>	<a href="#">Cree Wolfspeed</a>
	<b>Part of Description:</b>	MOSFET N-CH 1200V 24A TO247
<b>Datasheets:</b>	 <a href="#">CMF10120D.pdf</a>	
<b>RoHS Status:</b>	 Lead free / RoHS	
<b>Stock Condition:</b>	Compliant New original, 2622 pcs Stock Available.	
<b>Ship From:</b>	Hong Kong	
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS	
Image may be representation. See specs for product details.		

### Specifications

Part Number	<a href="#">CMF10120D</a>
Manufacturer	<a href="#">Cree Wolfspeed</a>
Description	MOSFET N-CH 1200V 24A TO247
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	2622 pcs Stock
Vgs(th) (Max) @ Id	4V @ 500µA
Vgs (Max)	+25V, -5V
Technology	SiC FET (Silicon Carbide)
Supplier Device Package	TO-247
Series	Z-FET™
Rds On (Max) @ Id, Vgs	220 mOhm @ 10A, 20V
Power Dissipation (Max)	134W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 135°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	928pF @ 800V
Gate Charge (Qg) (Max) @ Vgs	47.1nC @ 20V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	20V
Drain to Source Voltage (Vdss)	1200V
Detailed Description	N-Channel 1200V 24A (Tc) 134W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	24A (Tc)

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