



CM450DX-24S1



**Part Number:** [CM450DX-24S1](#)

**Manufacturer** [Powerex, Inc.](#)

**Description** IGBT MOD NX 450A 1200V DUAL

**Data sheet:**  [CM450DX-24S1](#)

**RoHs Status:** Lead free / RoHS Compliant




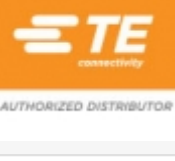




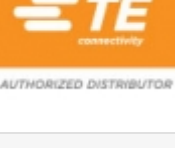





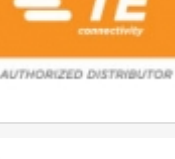
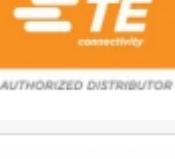


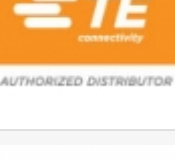

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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PRODUCT PARAMETER	
Part Number	<a href="#">CM450DX-24S1</a>
Manufacturer	<a href="#">Powerex, Inc.</a>
Description	IGBT MOD NX 450A 1200V DUAL
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	544 pcs
Product Photo	<a href="#">CM450DX-24S1.jpg</a>
Category	<a href="#">Discrete Semiconductor Products</a>
Voltage - Collector Emitter Breakdown (Max)	1200V
Vce(on) (Max) @ Vge, Ic	2.25V @ 15V, 450A
Supplier Device Package	Module
Series	-
Power - Max	2775W
Package / Case	Module
Other Names	835-1152
Operating Temperature	-40°C ~ 150°C (TJ)
NTC Thermistor	Yes
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Cies) @ Vce	45nF @ 10V
Input	Standard
IGBT Type	-
Detailed Description	IGBT Module Half Bridge 1200V 450A 2775W Module
Current - Collector Cutoff (Max)	1mA
Current - Collector (Ic) (Max)	450A
Configuration	Half Bridge
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	Part#: <a href="#">CM450DX-24A</a> Description: IGBT MOD DUAL 1200V 450A NX SER	Manufacturers: <a href="#">Powerex, Inc.</a> In Stock: 4153	<a href="#">RFQ</a>
	Part#: <a href="#">CM4520-000</a> Description: SIGMAFORM TUBING	Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> In Stock: 24625	<a href="#">RFQ</a>
	Part#: <a href="#">CM4440Z111R-10</a> Description: CMC 20A 3LN 110 OHM SMD	Manufacturers: <a href="#">Laird Technologies</a> In Stock: 62396	<a href="#">RFQ</a>
	Part#: <a href="#">CM4447-000</a> Description: HEAT SHRINK TUBING 3/4" YO	Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> In Stock: 9788	<a href="#">RFQ</a>
	Part#: <a href="#">CM450DY-24S</a> Description: IGBT MOD DUAL 1200V 410A NX SER	Manufacturers: <a href="#">Powerex, Inc.</a> In Stock: 4149	<a href="#">RFQ</a>
	Part#: <a href="#">CM44</a> Description: CURRENT CLAMP METER CAT III 600V	Manufacturers: <a href="#">FLIR</a> In Stock: 693	<a href="#">RFQ</a>
	Part#: <a href="#">CM453232-101KL</a> Description: FIXED IND 100UH 110MA 8 OHM SMD	Manufacturers: <a href="#">Bourns, Inc.</a> In Stock: 277275	<a href="#">RFQ</a>
	Part#: <a href="#">CM453232-100KL</a> Description: FIXED IND 10UH 250MA 1.6 OHM SMD	Manufacturers: <a href="#">Bourns, Inc.</a> In Stock: 265375	<a href="#">RFQ</a>
	Part#: <a href="#">CM4450-000</a> Description: STD POLY MOLDED PARTS	Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> In Stock: 3200	<a href="#">RFQ</a>
	Part#: <a href="#">CM4440Z121R-10</a> Description: CMC 20A 3LN 120 OHM SMD	Manufacturers: <a href="#">Laird Technologies</a> In Stock: 84356	<a href="#">RFQ</a>
	Part#: <a href="#">CM44-NIST</a> Description: CURRENT CLAMP METER CAT III 600V	Manufacturers: <a href="#">FLIR</a> In Stock: 336	<a href="#">RFQ</a>
	Part#: <a href="#">CM450DX-24S</a> Description: IGBT MOD DUAL 1200V 450A NX SER	Manufacturers: <a href="#">Powerex, Inc.</a> In Stock: 4584	<a href="#">RFQ</a>
	Part#: <a href="#">CM453232-102KL</a> Description: FIXED IND 1MH 30MA 40 OHM SMD	Manufacturers: <a href="#">Bourns, Inc.</a> In Stock: 240137	<a href="#">RFQ</a>
	Part#: <a href="#">CM453232-101JL</a> Description: FIXED IND 100UH 110MA 8 OHM SMD	Manufacturers: <a href="#">Bourns, Inc.</a> In Stock: 579829	<a href="#">RFQ</a>
	Part#: <a href="#">CM4515-000</a> Description: 55A CABLE/SINGLE WALL	Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> In Stock: 66853	<a href="#">RFQ</a>
	Part#: <a href="#">CM4321-000</a> Description: CONN BACKSHELL ADPT SZ 8 9 OLIVE	Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> In Stock: 2977	<a href="#">RFQ</a>
	Part#: <a href="#">CM453232-102JL</a> Description: FIXED IND 1MH 30MA 40 OHM SMD	Manufacturers: <a href="#">Bourns, Inc.</a> In Stock: 508446	<a href="#">RFQ</a>
	Part#: <a href="#">CM450HA-5F</a> Description: IGBT MOD SGL 250V 450A F SER	Manufacturers: <a href="#">Powerex, Inc.</a> In Stock: 4530	<a href="#">RFQ</a>
	Part#: <a href="#">CM4449-000</a> Description: HEAT SHRINK	Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> In Stock: 3177459	<a href="#">RFQ</a>
	Part#: <a href="#">CM453232-100JL</a> Description: FIXED IND 10UH 250MA 1.6 OHM SMD	Manufacturers: <a href="#">Bourns, Inc.</a> In Stock: 241572	<a href="#">RFQ</a>

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