



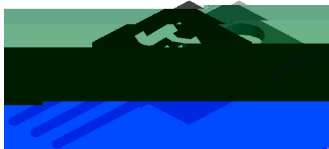
JMH65R110ACFD
JMH65R110AEFD

650V SuperJunction Power MOSFET

Features

Product Summary

Parameter	Value	Unit
		Ω

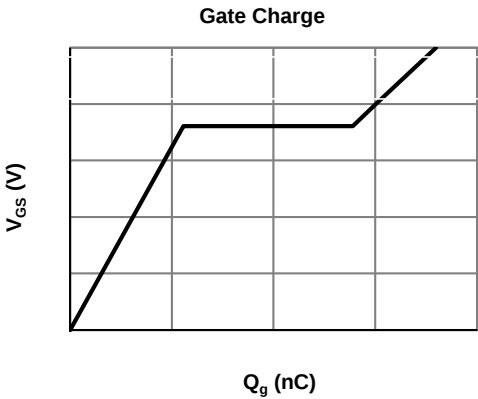
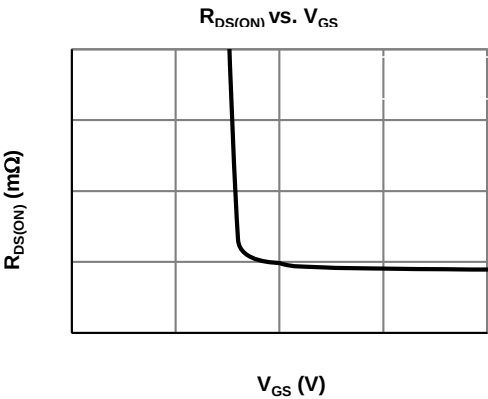


Ordering Information

Device							

Absolute Maximum Ratings

Parameter			Value	
		GS		V
		IDM		A
		IAS		A
		EAS		mJ
		TJ, TSTG		°C



Electrical Characteristics

Parameter	Symbol	Conditions	Min.	Typ.	Max.	Unit
STATIC PARAMETERS						
		μ				μ
		μ				Ω
						Ω

DYNAMIC PARAMETERS ⁽⁵⁾

						Ω
SWITCHING PARAMETERS ⁽⁵⁾						
		μ s				μ

Parameter	Symbol	Unit
	θ	
	θ	

Notes:

Typical Electrical & Thermal Characteristics

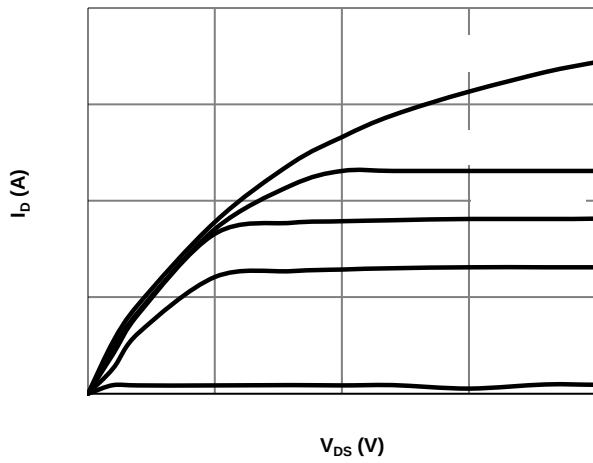


Figure 1: Saturation Characteristics

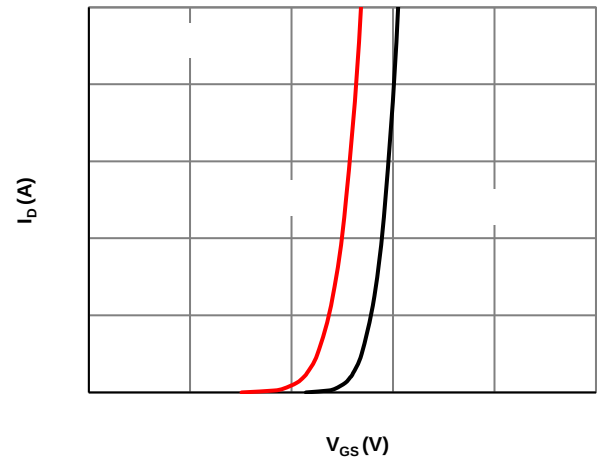


Figure 2: Transfer Characteristics

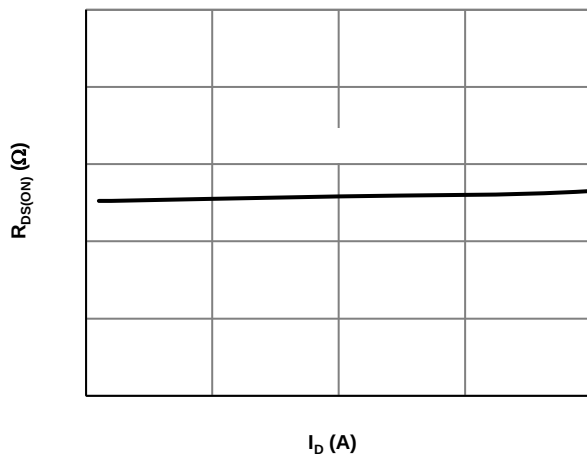


Figure 3: $R_{DS(ON)}$ vs. Drain Current

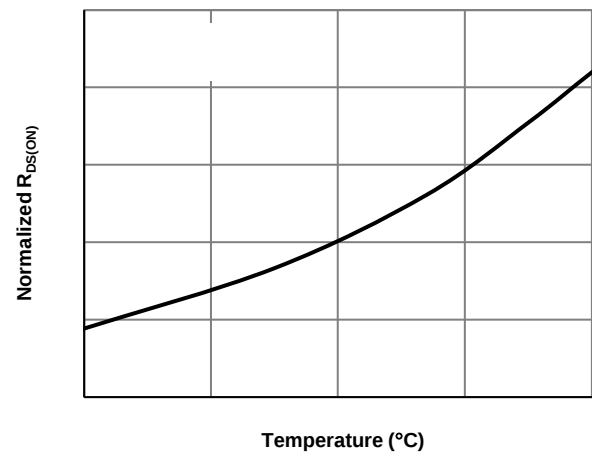


Figure 4: $R_{DS(ON)}$ vs. Junction Temperature

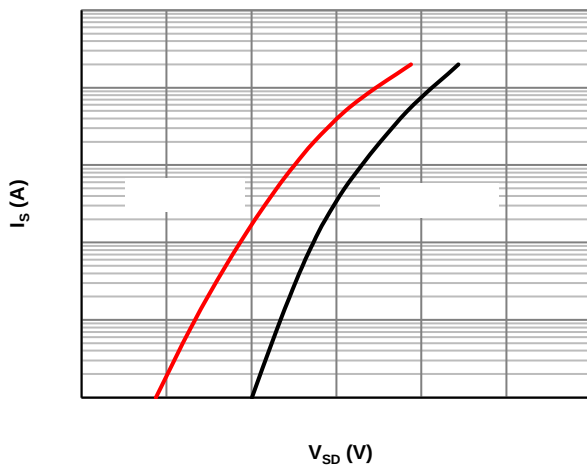


Figure 5: Body-Diode Characteristics

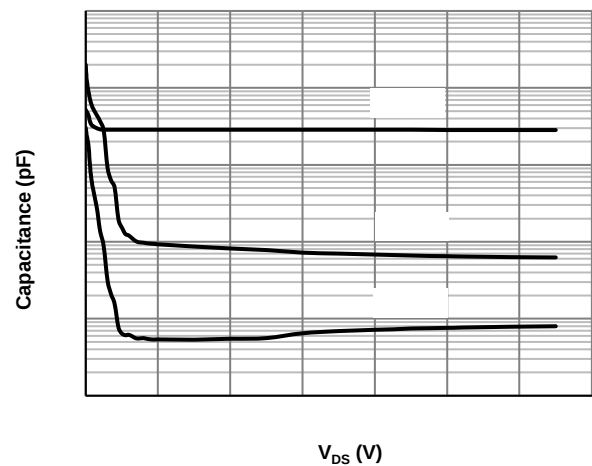


Figure 6: Capacitance Characteristics

Typical Electrical & Thermal Characteristics

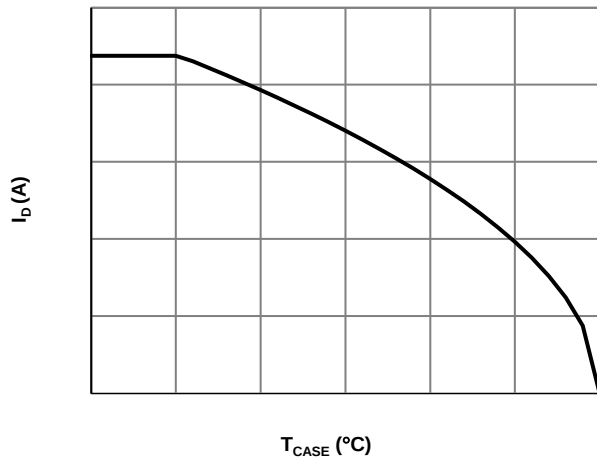


Figure 7: Current De-rating

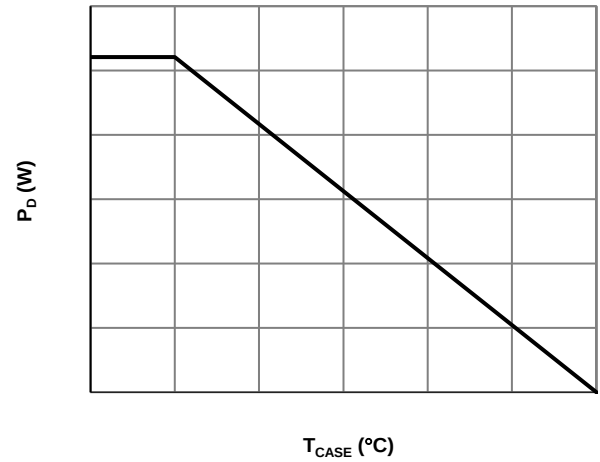


Figure 8: Power De-rating

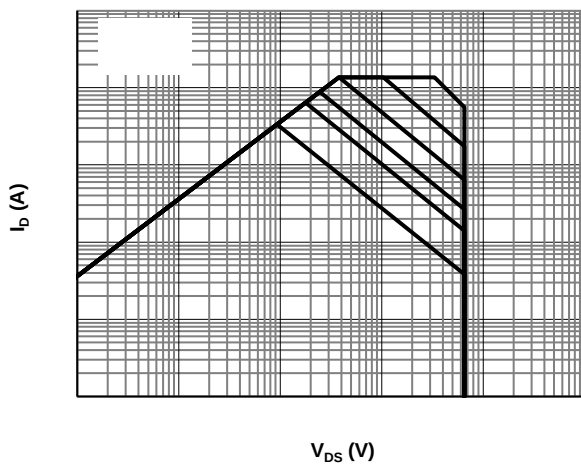
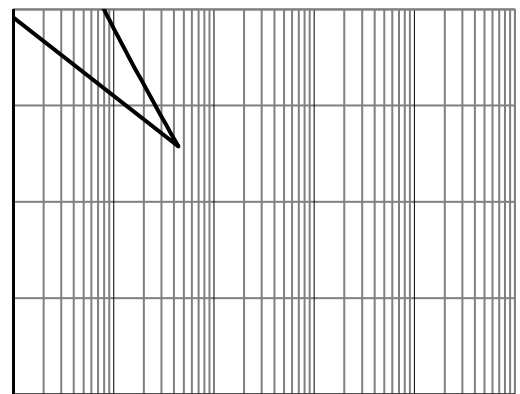
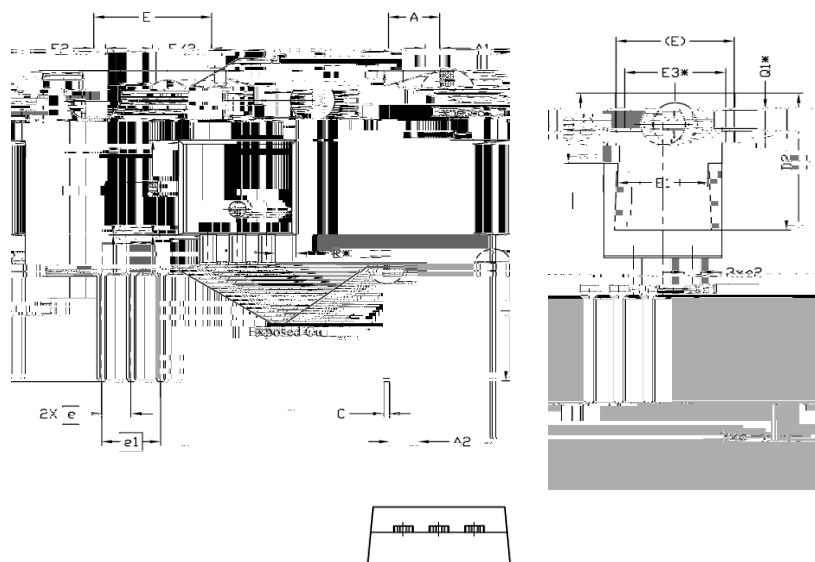


Figure 9: Maximum Safe Operating Area





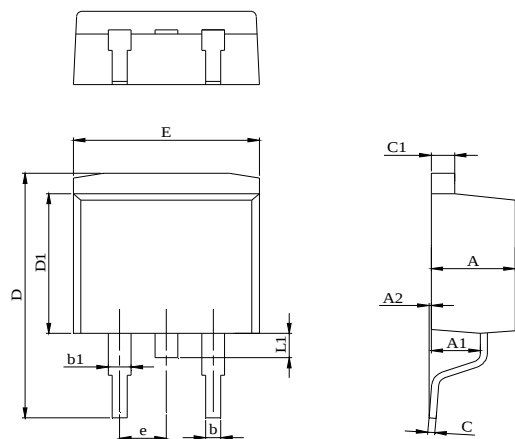
TO-220-3L Package Information



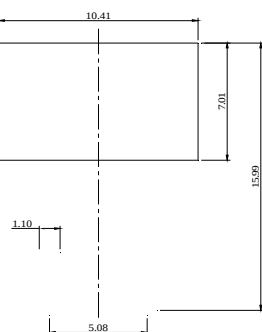
SYMBOL	DIMENSIONS IN MILLIMETERS		
	MIN.	NOM.	MAX.
A	4.24	4.44	4.64
A1	1.15	1.27	1.40
A2	2.30	2.48	2.70
b	0.70	0.80	0.90
b1	1.20	1.55	1.75
b2	1.20	1.45	1.70
c	0.40	0.50	0.60
D	14.70	15.37	16.00
D1	8.82	8.92	9.02
D2	12.43	12.73	13.13
E	9.50	9.60	9.70
E1	2.54	2.54	2.54
E2	2.54	2.54	2.54
E3	2.54	2.54	2.54
e	2.54	2.54	2.54
e1	5.08	5.08	5.08
C	5.08	5.08	5.08
L	3.81	3.81	3.81
L1	3.81	3.81	3.81
ØP	3.75	3.84	3.93
Q	2.60	2.80	3.00
Q1*	1.03	1.03	1.03

TO-263-3L Package Information

Package Outline



Recommend Soldering Footprint



DIMENSIONS: MILLIMETERS