



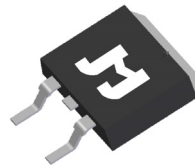
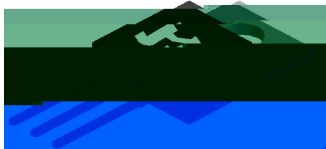
JMH65R110ACFD
JMH65R110AEFD

650V SuperJunction Power MOSFET

Features

Product Summary

Parameter	Value	Unit
		Ω

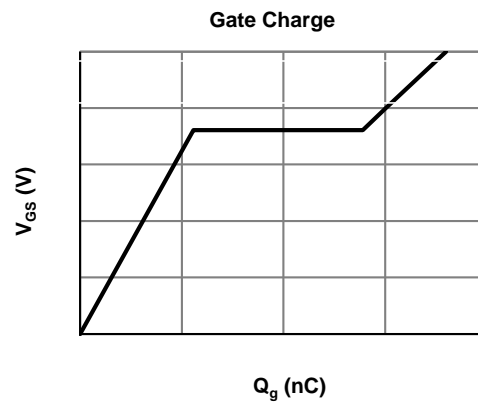
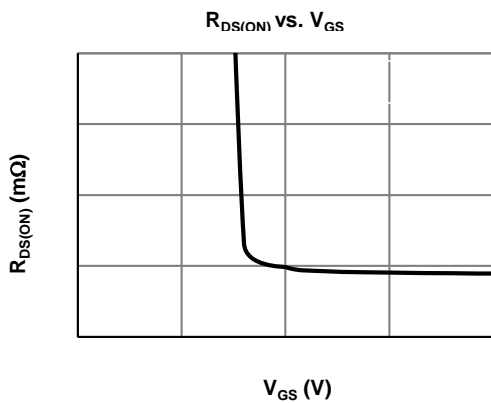


Ordering Information

Device							

Absolute Maximum Ratings

Parameter		Value	
	GS		V
	I _{DM}		A
	I _{AS}		A
	E _{AS}		mJ
	T _J , T _{STG}		°C



Typical Electrical & Thermal Characteristics

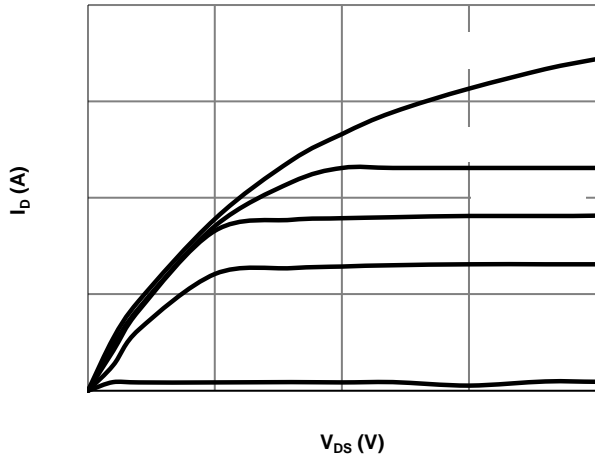


Figure 1: Saturation Characteristics

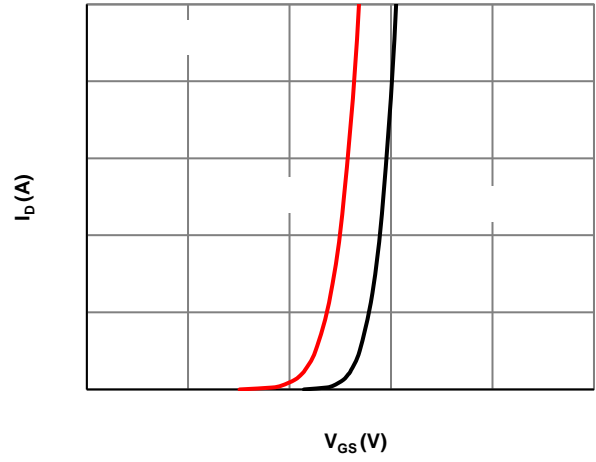


Figure 2: Transfer Characteristics

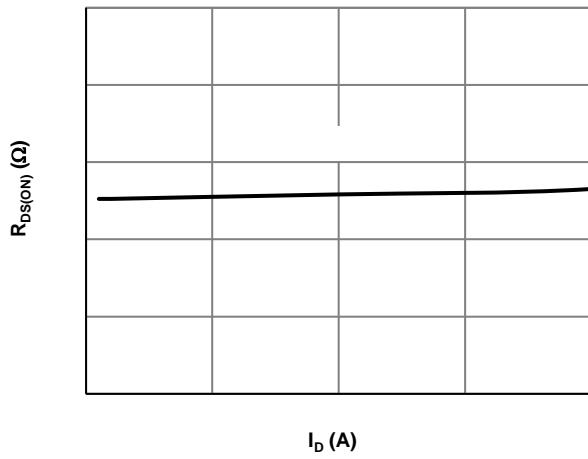


Figure 3: $R_{DS(ON)}$ vs. Drain Current

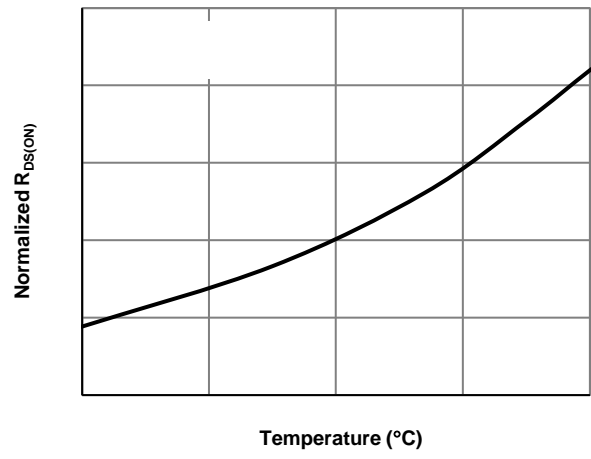


Figure 4: $R_{DS(ON)}$ vs. Junction Temperature

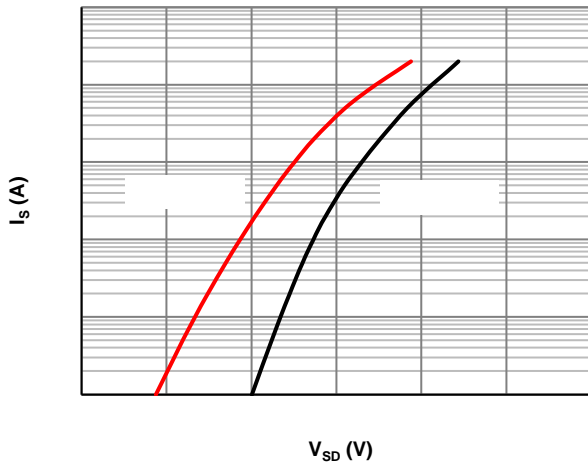


Figure 5: Body-Diode Characteristics

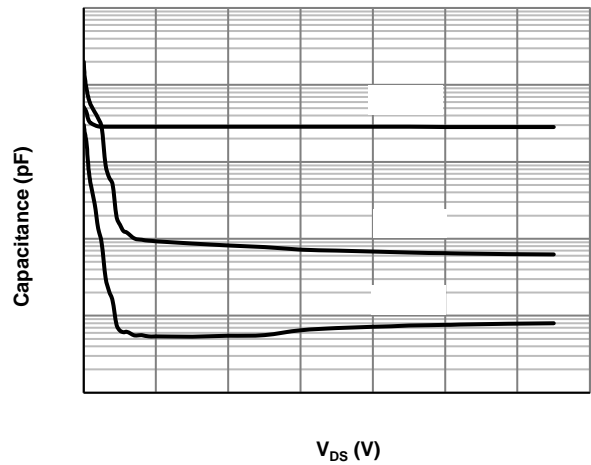


Figure 6: Capacitance Characteristics



Typical Electrical & Thermal Characteristics

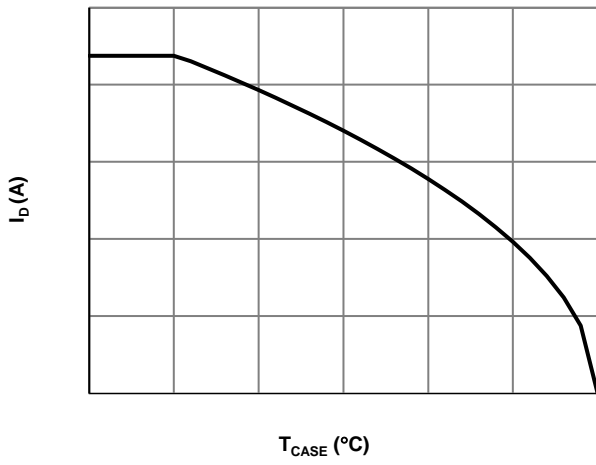


Figure 7: Current De-rating

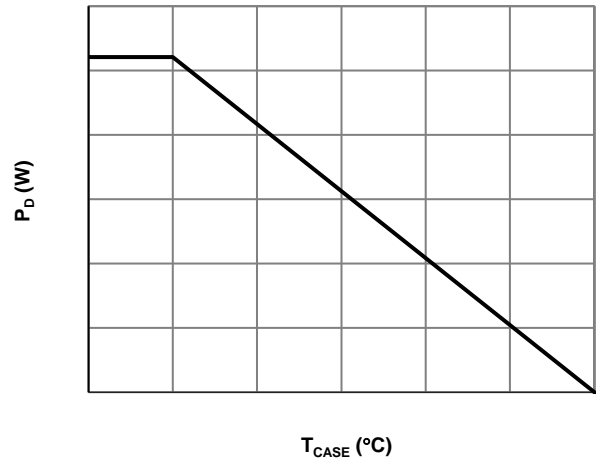


Figure 8: Power De-rating

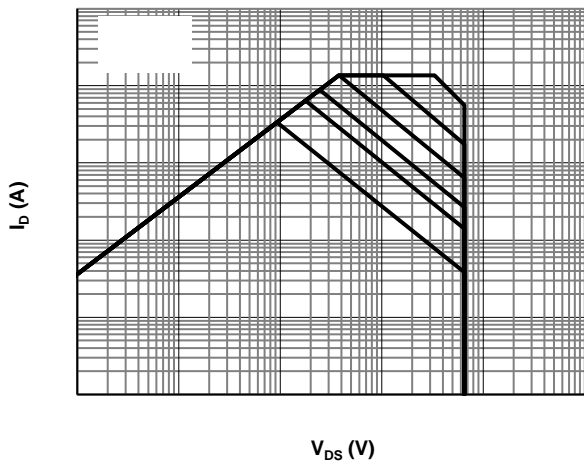
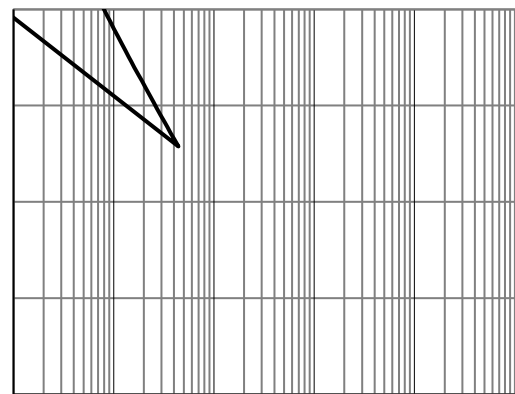
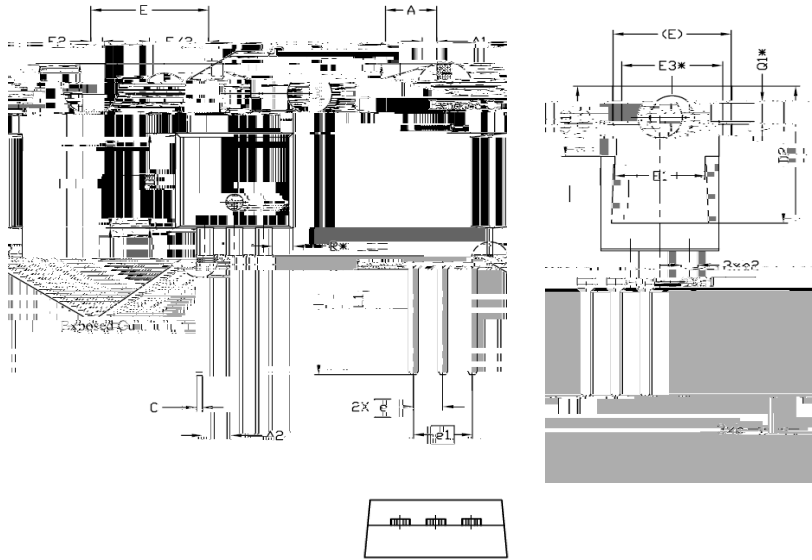


Figure 9: Maximum Safe Operating Area





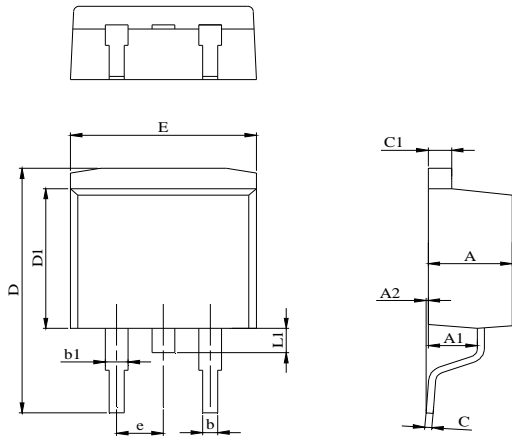
TO-220-3L Package Information



SYMBOL	DIMENSIONS (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
E	12.43	12.73	12.83
E1	9.50	9.80	10.30
E2	9.50	9.80	10.30
E3	—	—	0.40
e	—	0.60 REF	—
e1	—	2.54 BSC	—
e2	—	5.08 BSC	—
L	10.50	10.65	10.80
L1	13.40	13.72	13.97
L1	3.80	3.80	4.00
ØP	3.75	3.84	3.93
Q	2.60	2.80	3.00
Q1*	—	1.03 REF	—
C	—	1.03 REF	—

TO-263-3L Package Information

Package Outline



Recommend Soldering Footprint

