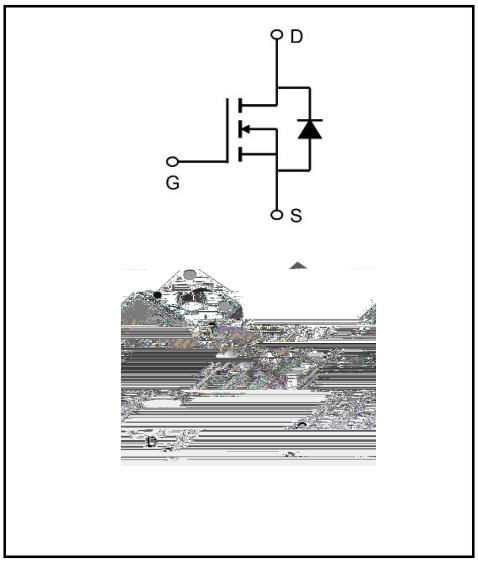
650V N-channel Super Junction MOSFET

MAIN CHARACTERISTICS

I_D	20A
V_{DSS}	650V
R_{DSON}-typ(@V_{GS}=10V)	190mΩ(Typ:150mΩ)



FEATURES

- Low RDS(on) & FM
- Extremely low switching loss
- Excellent stability and uniformity

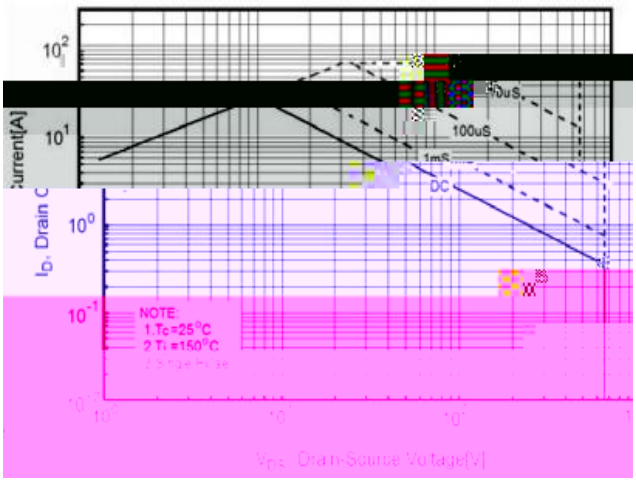
APPLICATIONS

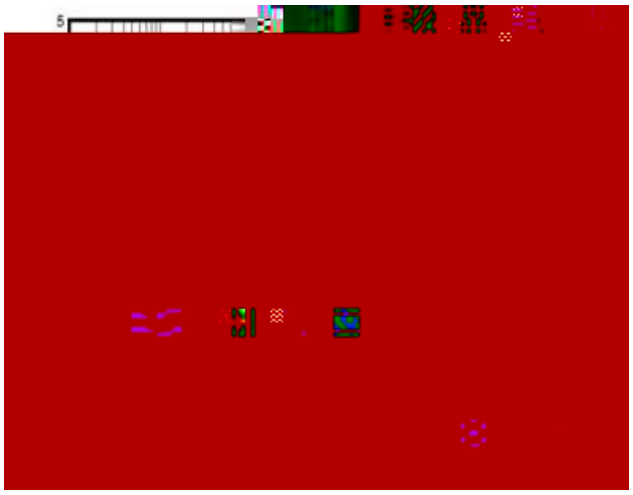
- Solar inverters
- LCD/LED/PDP TV
- Telecom/Server Power supplies
- AC-DC Power Supply

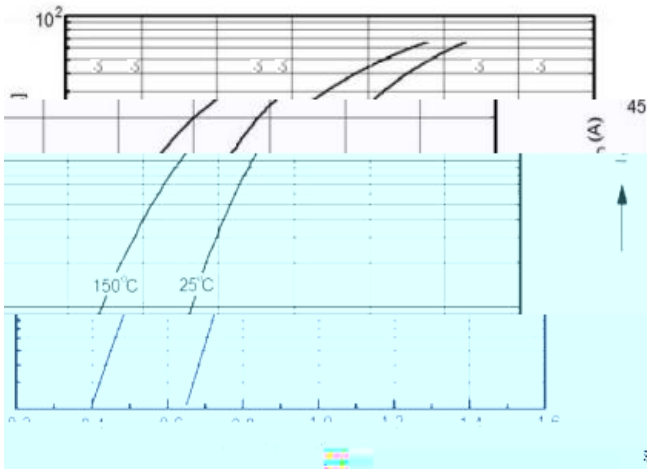
MECHANICAL DATA

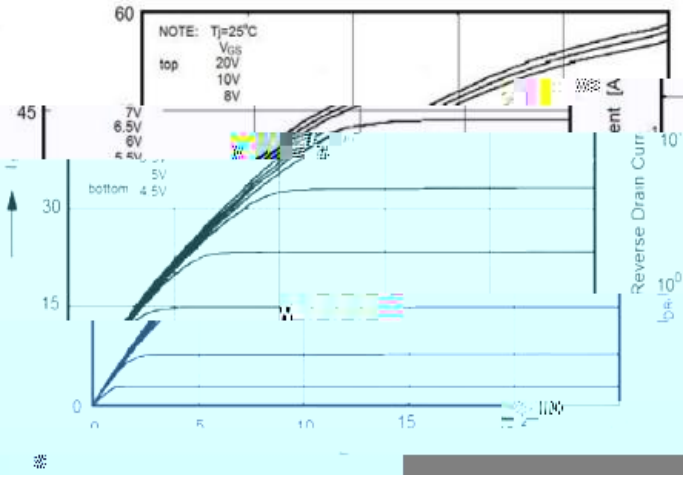
- Case: TO-220F/AF
- Mounting Position: Any
- Molded Plastic: UL Flammability Classification Rating 94V-0
- Lead free in compliance with EU RoHS 2011/65/EU directive
- Solder bath temperature 275 maximum,10s per JESD 22-B106

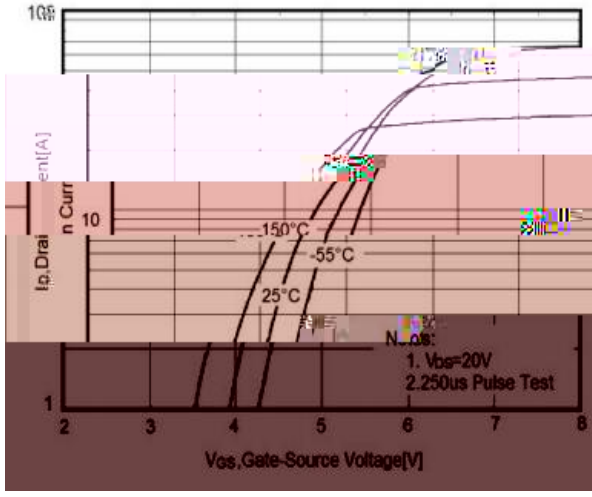
Ratings and Characteristic Curves

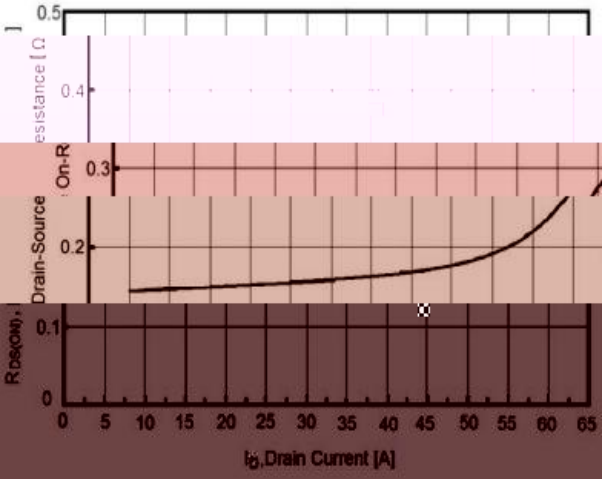












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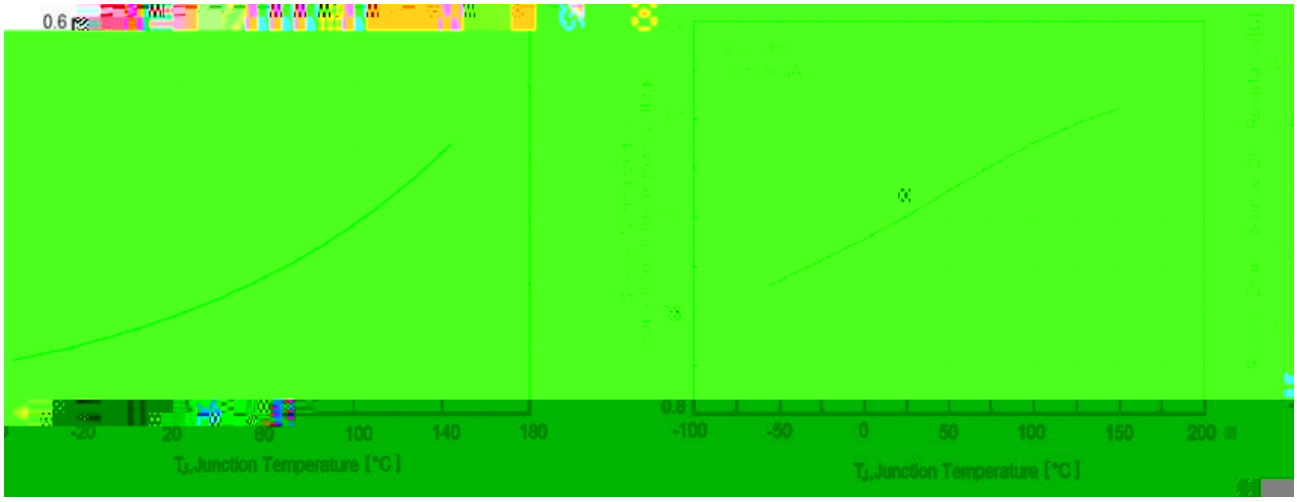

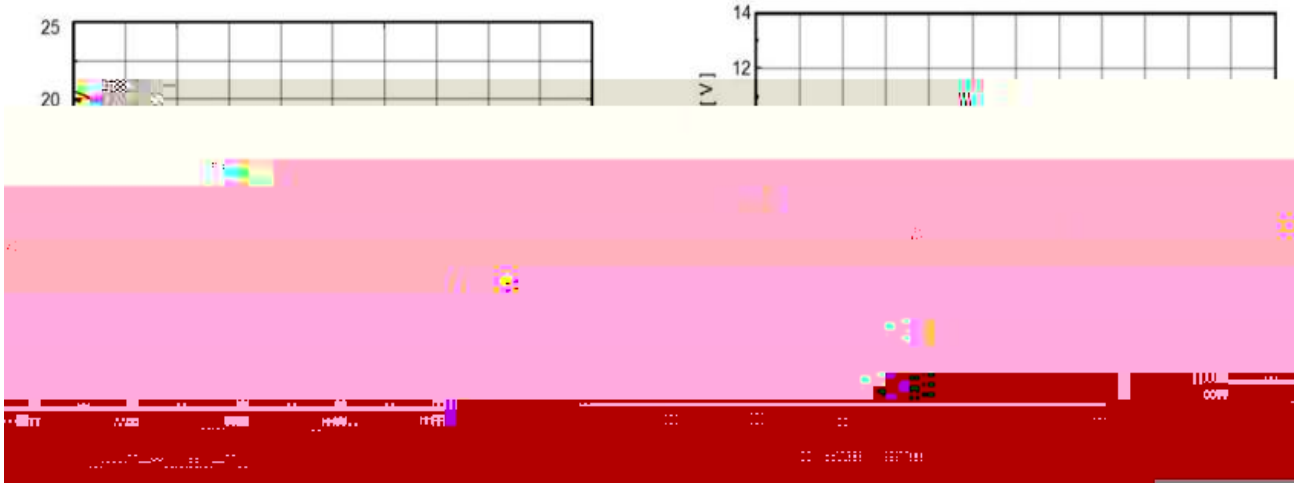

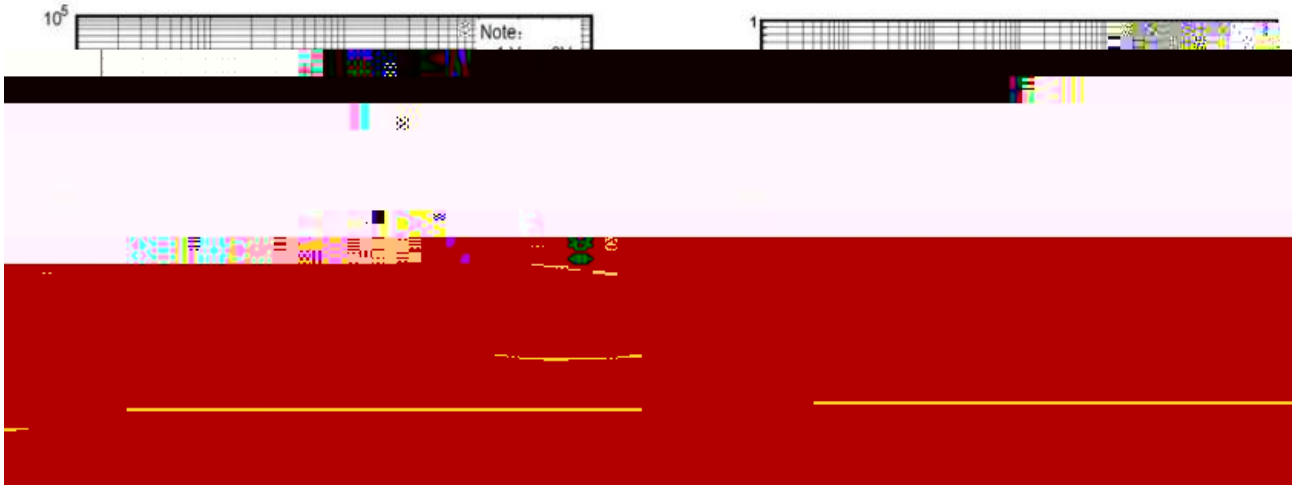

Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity
YFW65R190AF	TO-220F	0.06oz(1.74g)	50pcs/tube	1000PCS/Box 5000PCS/Carton

Package Dimensions

TO-220F

	Symbol	Millimeter		Inches	
		Min.	Max.	Min.	Max.
	A	4.5.			

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