

BRCs005N06SHTP

Rev.A Mar.-2026

/ Descriptions

TOLT-16L N

N-Channel MOSFET in a TOLT-16L Plastic Package .

/ Features

$V_{DS}(V)=60V$ $I_D=860A$

$R_{DS(ON)}@10V$ 0.5m (Typ. 0.38 m)

$R_{DS(ON)}@6V$ 0.9m (Typ. 0.66 m)

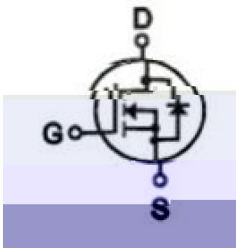
HF Product.

/ Applications

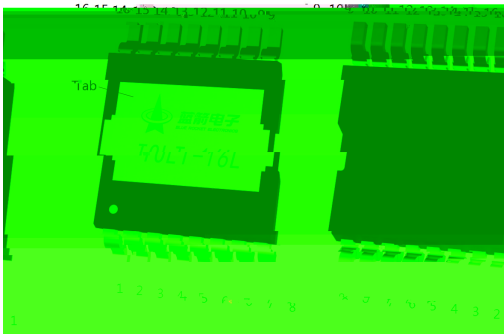
BMS

BMS, Drones, High power inverter system, Light electric vehicles.

/ Equivalent Circuit



/ Pinning



PIN1 2 3 4 5 6 7 S PIN8 G PIN9 10 11 12 13 14 15 16 Tab D

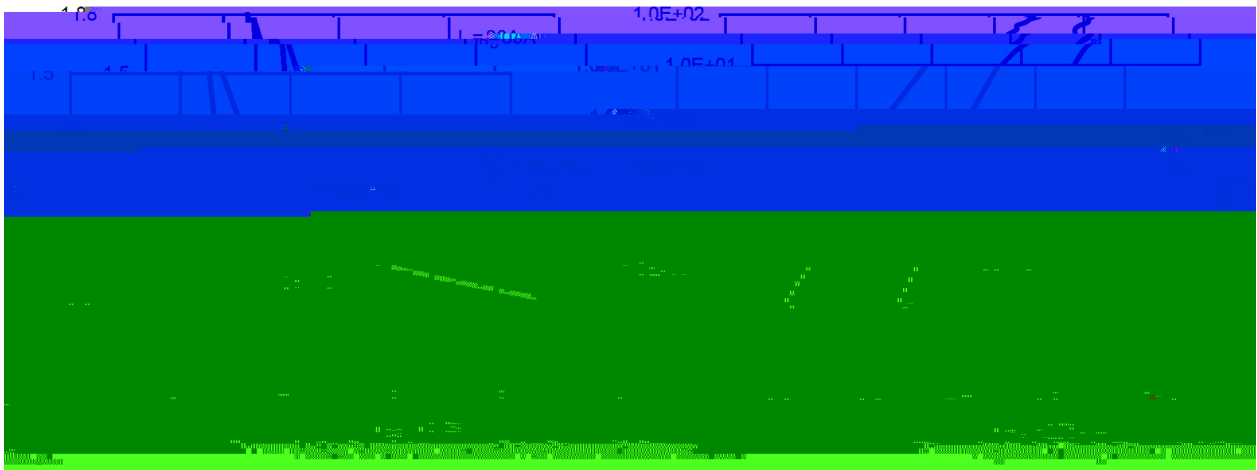
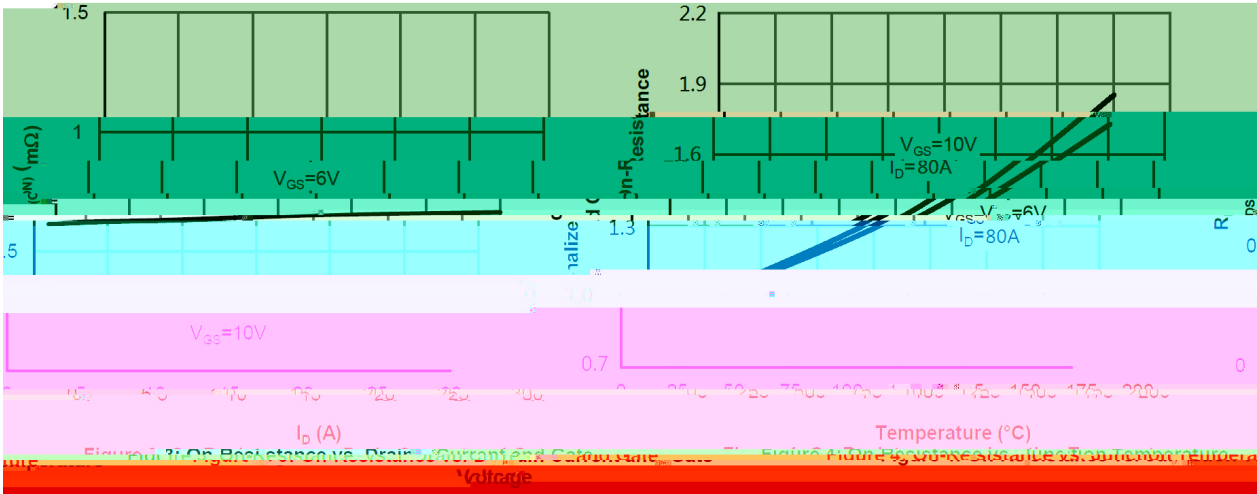
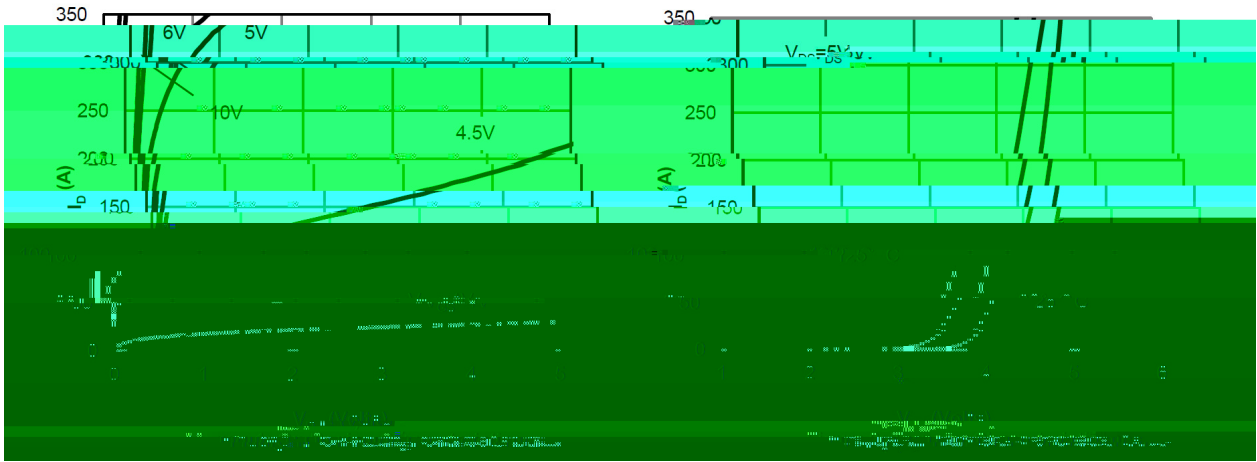
/ Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
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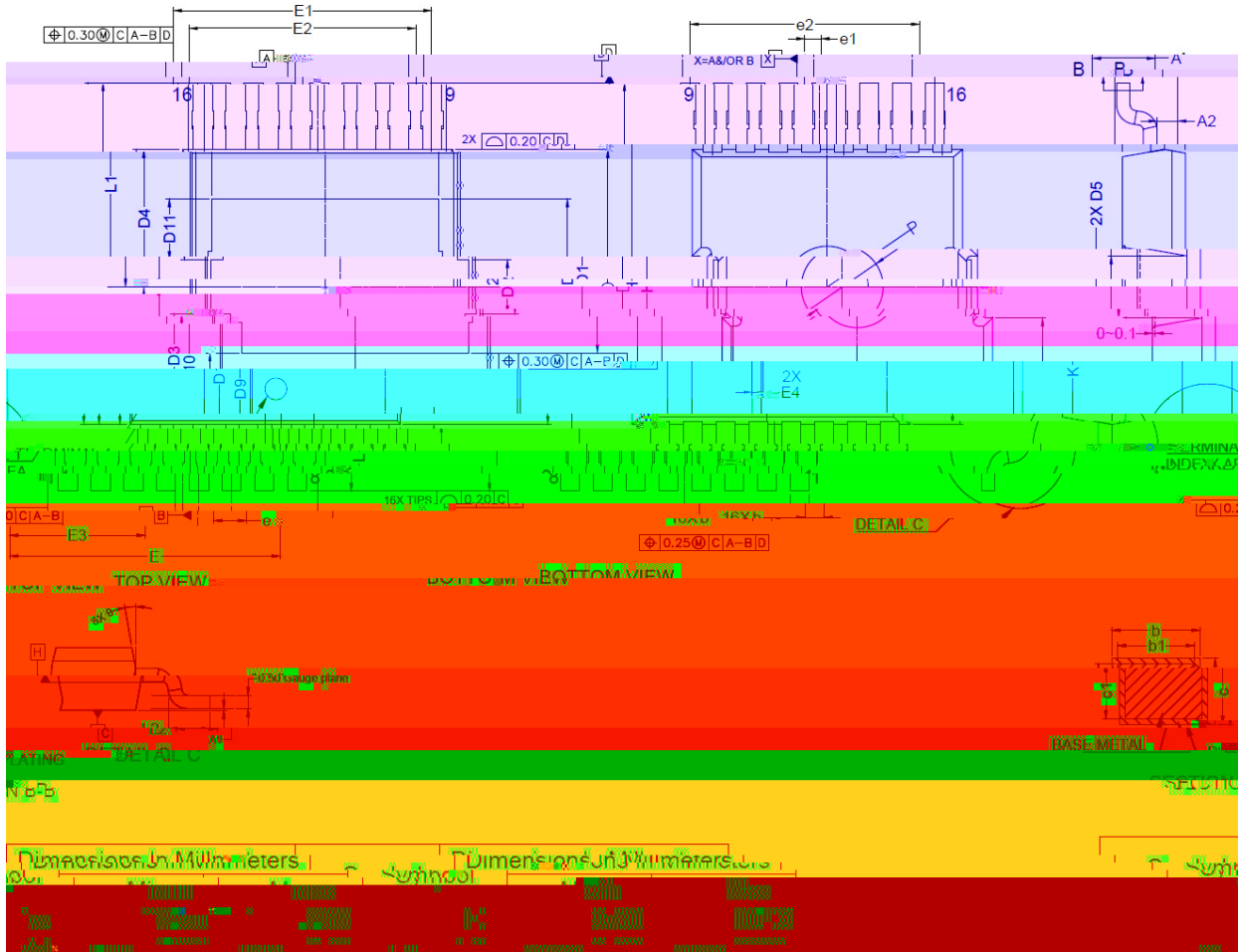
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/ Electrical Characteristic Curve



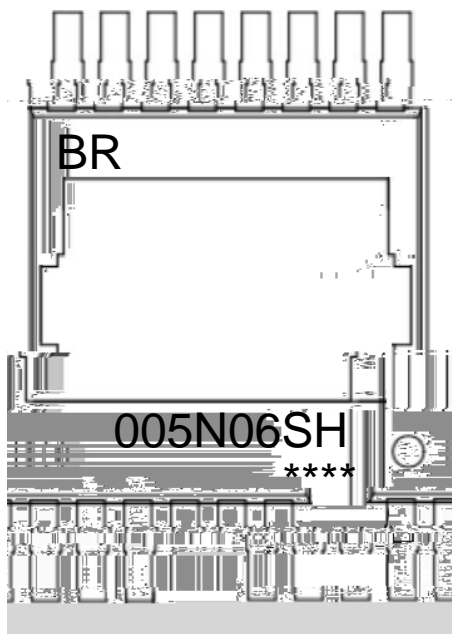
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/ Package Dimensions



Dimension in Millimeters		Dimension in Millimeters		Dimension in Millimeters		Dimension in Millimeters	
A2	0.56	0.96	E2	8.10	8.50		
b	0.60	0.85	E3	4.75	5.15		
h1	0.60	0.80	E4	0.30	0.60		
e1	0.60	0.80	e1	0.45	0.60		
H	14.80	15.20	D1	5.47			
K	3.71	4.11	D2	1.80			
D4	5.00	5.40	L1	7.00	7.70		
D9	2.42	2.82	R	0.07			
D10	3.85	4.25	P	2.90	3.10		
D11	2.04	2.44	Q	4°	10°		

/ Marking Instructions



BR

005N06SH

Note:

BR: Company Code

005N06SH: Product Type Code

****: Lot No. Code, code change with Lot No.

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