

Rev.A Mar.-2026

TOLT-16L N

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

$V_{DS}(V)=60V$   $I_D=650A$

$R_{DS(ON)}@10V$  0.6m (Typ. 0.45 m )

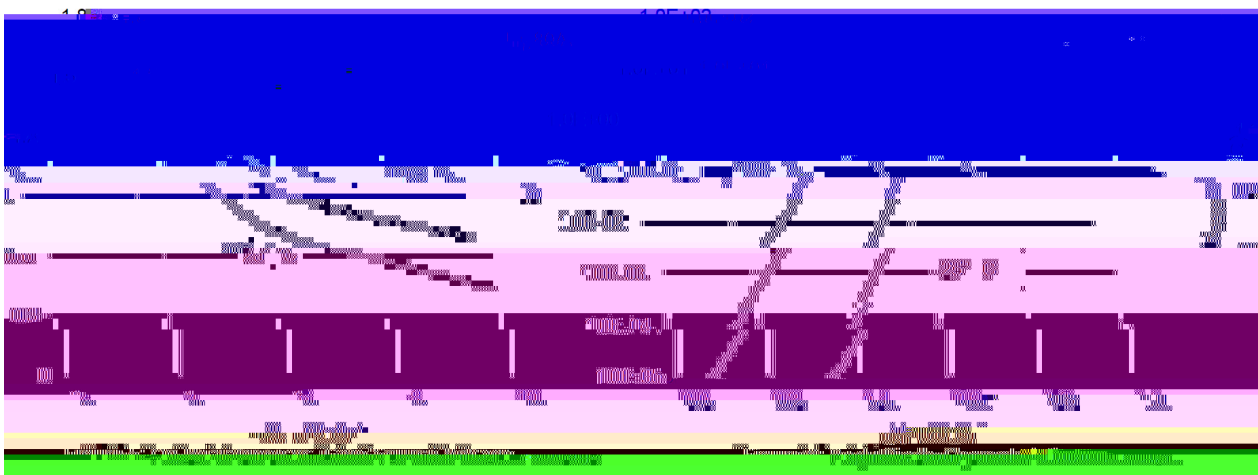
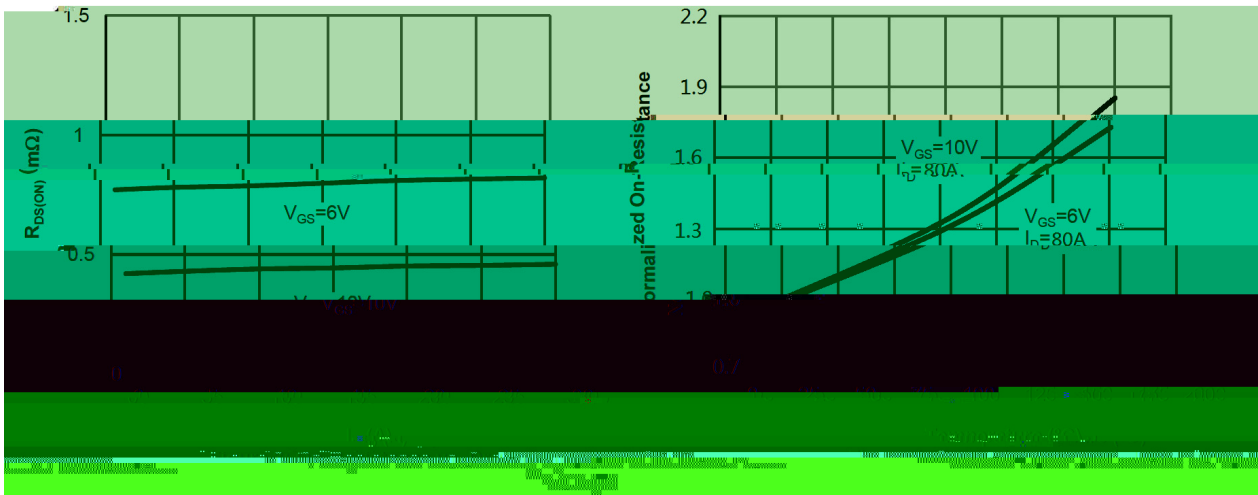
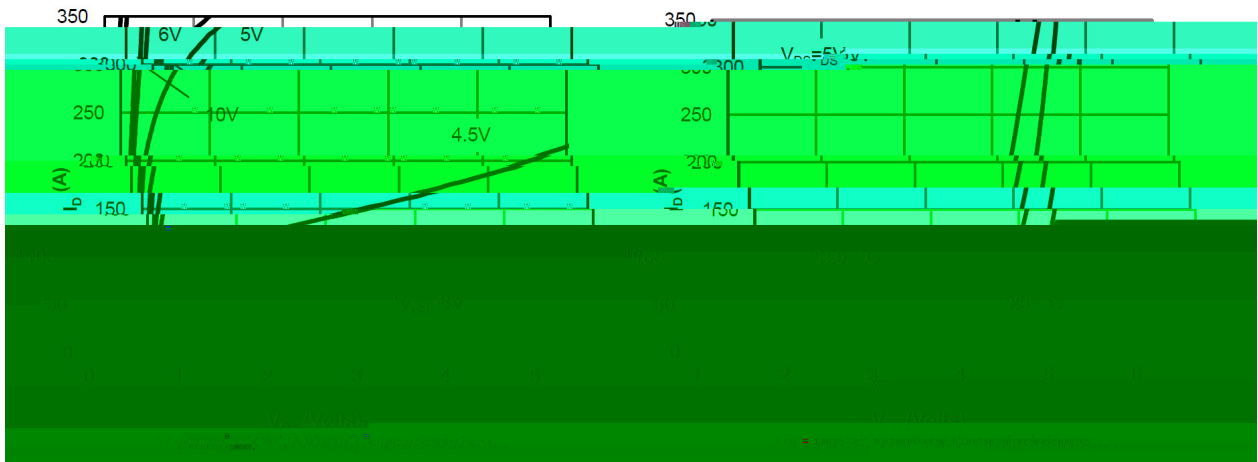
$R_{DS(ON)}@6V$  1.2m (Typ. 0.78 m )

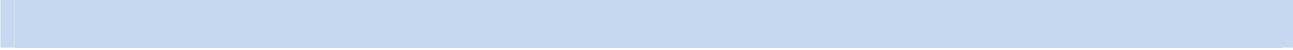
HF Product.

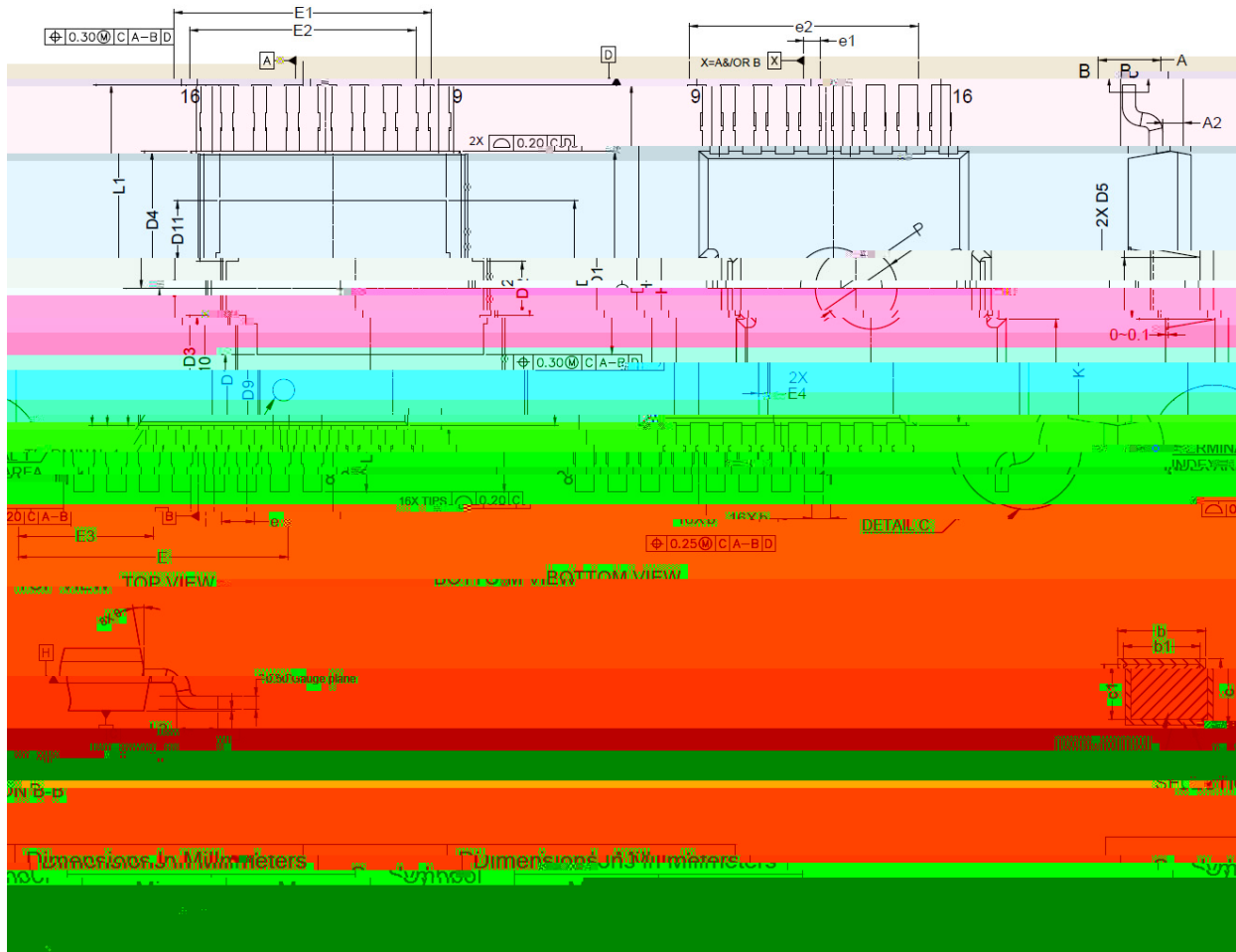
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Parameter	Symbol	Rating	Unit
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Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Total Gate Charge	$Q_g$	$V_{GS}=10V, V_{DS}=30V$ $I_{DS}=50A$		214		nC
Gate Source Charge	$Q_{gs}$			41		
Gate Drain Charge	$Q_{gd}$			54		
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=10V, V_{DS}=30V$ $R_G=3, I_D=50A$		36.7		ns
Turn-On Rise Time	$t_r$			173		
Turn-Off Delay Time	$t_{d(off)}$			135		
Turn-Off Fall Time	$t_f$			92.8		

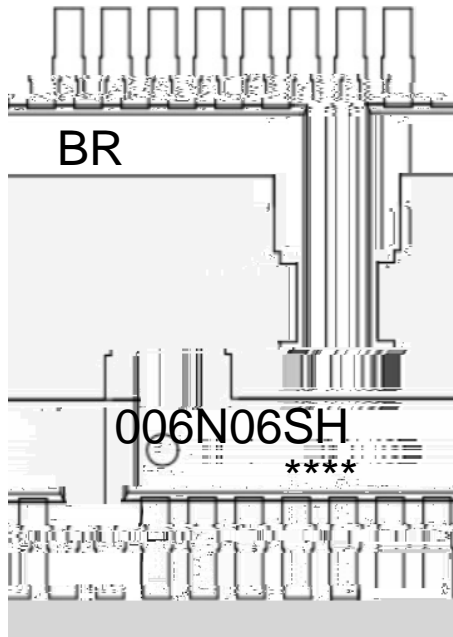






A2	0.56	0.96	E2	8.10	8.50
b	0.60	0.85	E3	4.75	5.15
h1	0.60	0.80	E4	0.20	0.60

D1	0.60	0.60	D1	0.48	0.60
D2	0.40	0.40	D2	10.00	10.30
D3	5.87	14.80	D3	5.47	5.47
D4	2.20	3.71	D4	1.80	1.80
D5	5.00	5.10	D5	7.00	7.70
D6	2.42	2.82	D6	11.00	11.00
D7	3.85	4.25	D7	0.07	0.07
D8	2.04	2.44	D8	2.90	3.10
D9			D9	4°	10°



BR

006N06SH

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Note:

BR: Company Code

006N06SH: Product Type Code

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

