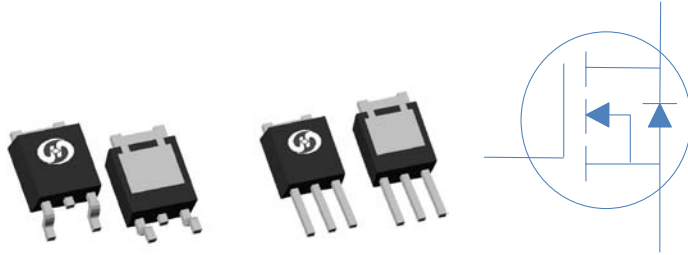


, \$J 'B!7\ 'Dck Yf'A CG: 9H

8Gfbtłmł			Ω
8Gfbtłmł			Ω
8 fG] 'Mcb @a]YXŁ			
8 fDUWU[Y' @a]YXŁ			



DUfhBi a VYf	DUWU[Y	A Uf_]b[

1&) 'fl b'Ygg'ch.Yfk]gY'gdYVWZYXŁ

DUfUa YHYf		7 cbX]hcbg	
7 cbh]bi ci g'8fU]b'7i ffYbhfG]]Mcb @a]YXŁ		1&)	
		1%\$\$	
7 cbh]bi ci g'8fU]b'7i ffYbhfDUWU[Y' @a]YXŁ		1&)	
8fU]b'hc'Gci fW'J c'fU[Y			
; UHY'hc'Gci fW'J c'fU[Y			
Di `gYX'8fU]b'7i ffYbh			
5j U'UbVWY'9bYf[nř'G]b[`Y'Di `gY	9	1&)	
Dck Yf'8]gg]dU]cb	D	1&)	
CdYfU]b['UbX GfcfU[Y HYa dYfU]h fy			

DUfUa YHYf			
H'Yfa U'F Yg]ghUbW >i bV]cb!5a V]Ybh		θ	#K
H'Yfa U'F Yg]ghUbW >i bV]cb!7 UgY		θ	#K



Hi fb'cb'8Y'UmH]a Y

Xftbt

Hi fb'cZ8Y'UmH]a Y

f

Ω

: U'H]a Y

XftZt

Z

F Yj YfgY'8]cXY'7\UfUWf]gh]Vg

8]cXY': cfk UfX'J c'HU[Y

F Yj YfgY'F YWtj YfmH]a Y

F Yj YfgY'F YWtj Yfm7\Uf[Y

ff

ff

2A I I I

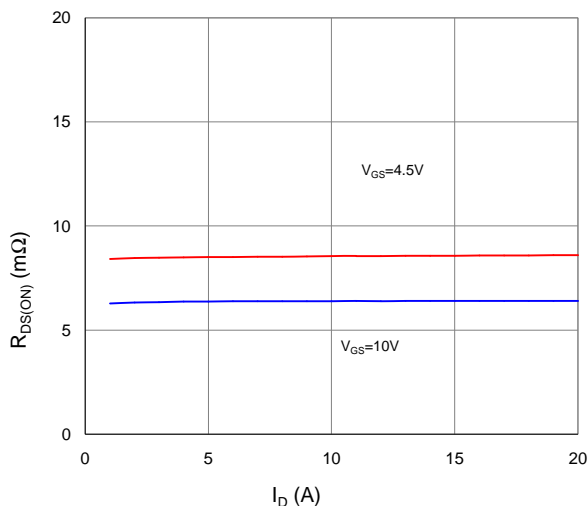
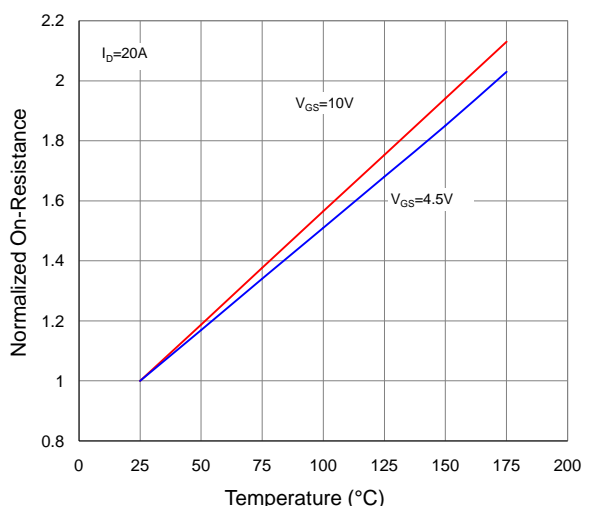
: 1&\$5žX=#\t8

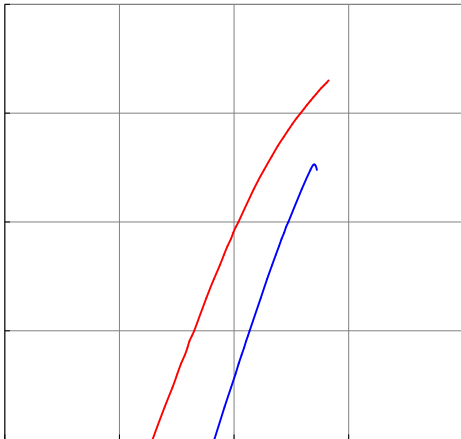
H:

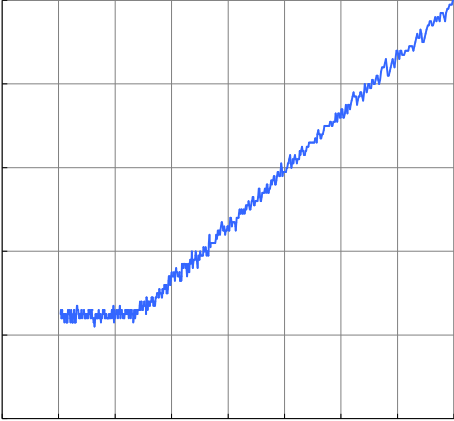
Y6fm#

m7\Uf[Y

<p>: [[i fY' "C b!F Yg]g tUbW' j g" 8 fU]b' 7 i ffYbhUbX; UfY' J c tU[Y</p>	<p>: [[i fY' "C b!F Yg]g tUbW' j g"; UfY! Gci fW' J c tU[Y</p>
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<p>: [[i fY' "C b!F Yg]g tUbW' j g" 8 fU]b' 7 i ffYbhUbX; UfY' J c tU[Y</p>  <p>The graph shows the on-state resistance $R_{DS(on)}$ in milliohms (mΩ) versus drain current I_D in Amperes (A). Two curves are plotted for gate-source voltages $V_{GS} = 4.5V$ (red line) and $V_{GS} = 10V$ (blue line). The resistance is relatively constant with current, with $V_{GS} = 4.5V$ showing a higher resistance (around 8.5 mΩ) compared to $V_{GS} = 10V$ (around 6.5 mΩ).</p>	<p>: [[i fY' ("Bcfa U]hYX' C b!F Yg]g tUbW' j g" > i bV]cb' HYa dYfU]h fY</p>  <p>The graph shows the normalized on-resistance versus temperature in degrees Celsius (°C) at a constant drain current $I_D = 20A$. Two curves are plotted for $V_{GS} = 10V$ (red line) and $V_{GS} = 4.5V$ (blue line). Both curves show a positive temperature coefficient, with the $V_{GS} = 10V$ curve having a steeper slope and higher resistance values (ranging from 1.0 to 2.1) compared to the $V_{GS} = 4.5V$ curve (ranging from 1.0 to 2.0).</p>
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<p>: [[i fY' "Hnd]W' HfUbgZf' 7 \UfUW' f]g]Vg</p>	<p>: [[i fY' "Hnd]W' Gci fW' ! 8 fU]b' 8]cXY: cfk UfX' J c tU[Y</p>  <p>The graph shows two curves on a grid. The red curve starts at a lower point and rises more steeply than the blue curve. Both curves appear to be concave down.</p>
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:][i fY'+ "Hnd]W"; UY!7 \Uf[Y'j'g"; UY!hc!Gci fW'J c'tU[Y	:][i fY', "Hnd]W"7 UdUV]ubW'j'g"8fU]b!hc!Gci fW'J c'tU[Y
	
:][i fY'- "A Ul]a i a 'GUZ' C dYfU]b['5fYU	:][i fY'%"A Ul]a i b'8fU]b'7i ffYbhj'g"7 UgY'HYa dYfU]h fY
:][i fY'%"Bcfa U]hYX'A Ul]a i a 'HfUbg]YbhH\Yfa U'`a dYXUbWZ>i bV]cb!hc!5a V]Ybh	

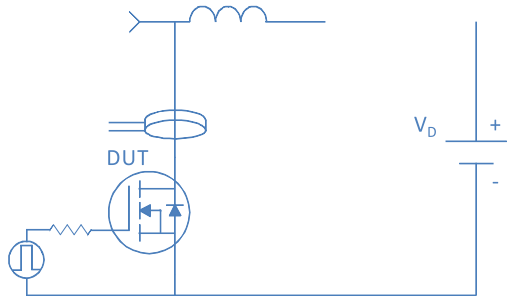
ᄁXi Vŵj Y'gk]ŵŵ]b['HYgh

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; Uŵ'7\Uf[Y'HYgh

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I WŴa dYX' ᄁXi Vŵj Y'Gk]ŵŵ]b['fl -GŁHYgh

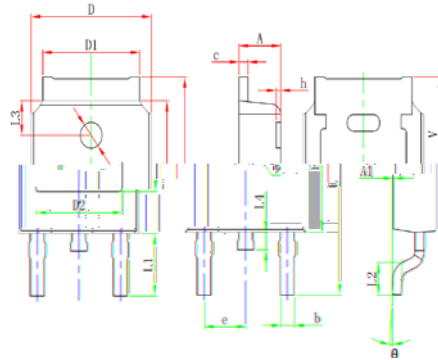
	
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8]cXY F YWŵj YfmHYgh

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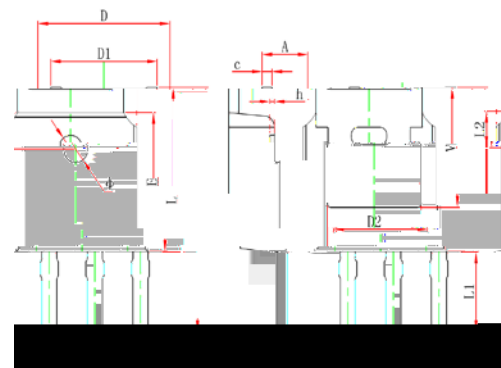
DUWU[Y Ci h]bY

HC!&) &Z' YUXg



Symbol	Min.	Max.	Dimensions In Millimeters	Dimensions In Inches	Max.
	0.087	0.094	A	2.200	2.400
	0.026	0.034	b	0.660	0.860
	0.018	0.023	c	0.460	0.580
	0.256	0.264	D	6.500	6.700
	0.215	0.249	D1	5.100	5.480
	REF.	REF.	D2	4.830 REF.	0.190
	0.236	0.244	E	6.000	6.200
	0.086	0.094	e	2.186	2.386
	0.386	0.409	L	9.800	10.400
	0.114 REF.		L1	2.900 REF.	
	0.055	0.067	L2	1.400	1.700
	0.063 REF.		L3	1.600 REF.	
	0.051		Φ	1.100	1.300
	0.012		h	0.000	0.300
	1 REF.		V	5.350 REF.	0.21

HC!&) %Z' YUXg



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min.	Max.	Min.	Max.
A	2.200	2.400	0.087	0.094
b	0.660	0.860	0.026	0.034
c	0.460	0.580	0.018	0.023
0.215	D1	5.100	5.480	0.201
REF.	D2	4.830 REF.		0.190
0.236	E	6.000	6.200	0.236
0.094	e	2.186	2.386	0.086
0.433	L	10.400	11.000	0.409
REF.	L1	3.500 REF.		0.138
REF.	L2	1.600 REF.		0.063
0.051	Φ	1.100	1.300	0.043
0.012	h	0.000	0.300	0.000
1 REF.	V	5.350 REF.		0.21