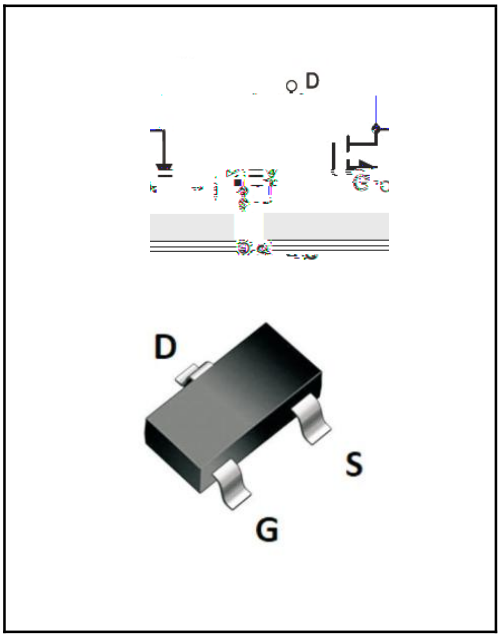
-20V P-Channel Enhancement Mode MOSFET

MAIN CHARACTERISTICS

I_D	
V_{DS}	
R_{DSON}-typ(@V_{GS}=-4.5V)	(Typ:34mΩ)
R_{DSON}-typ(@V_{GS}=-2.5V)	(Typ:46mΩ)



FEATURES

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-
-

MECHANICAL DATA

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-
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Marking Code	
YFW2305B	2305B

Maximum Ratings & Thermal Characteristics

(Ratings at 25 ambient temperature unless otherwise specified.)

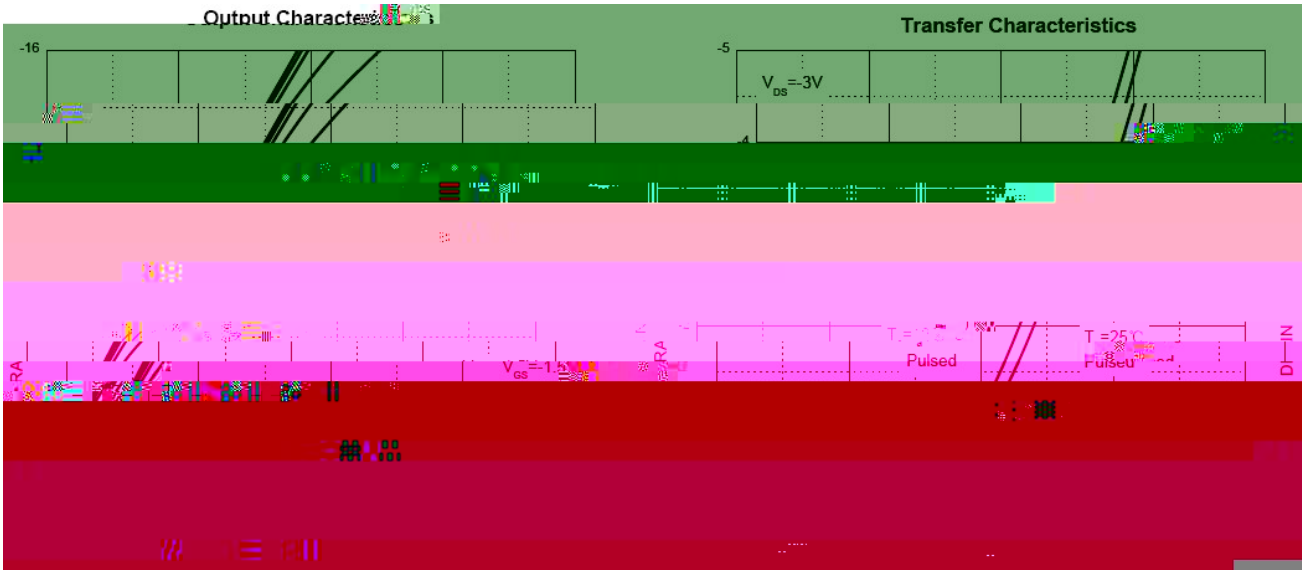
Parameter	Symbols	Value	Units
	V_{DS}		V
	V_{GS}		V
	I_D		A
	I_S		A
	P_D		mW
	T_J		
	T_{STG}		
	$R_{\theta JA}$		/W

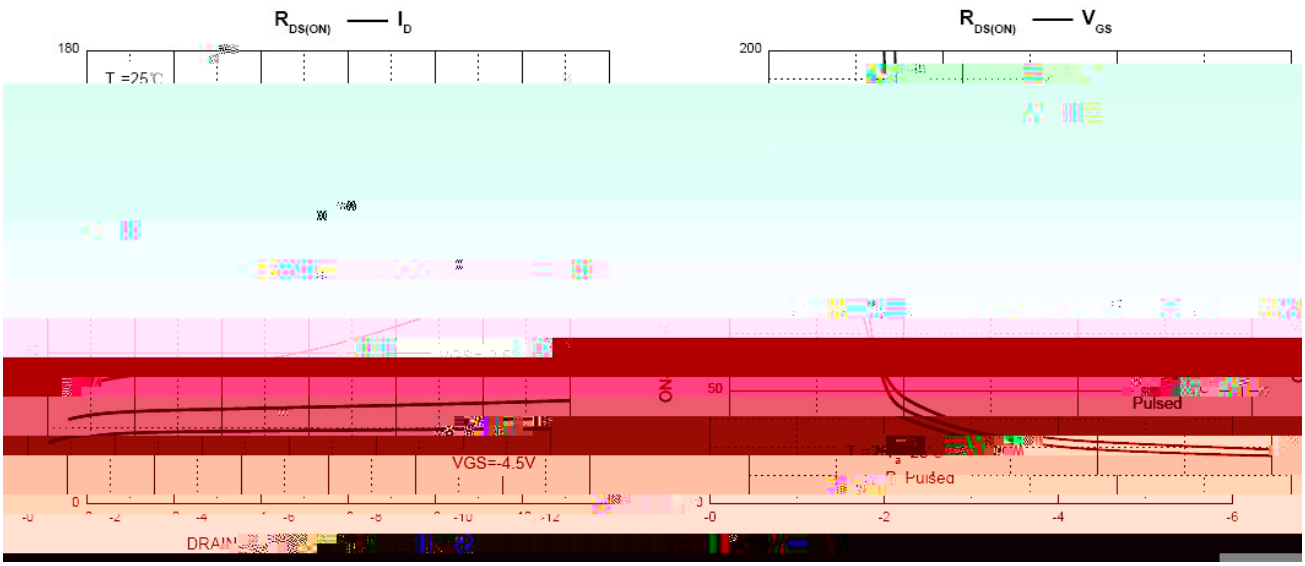
Electrical Characteristics

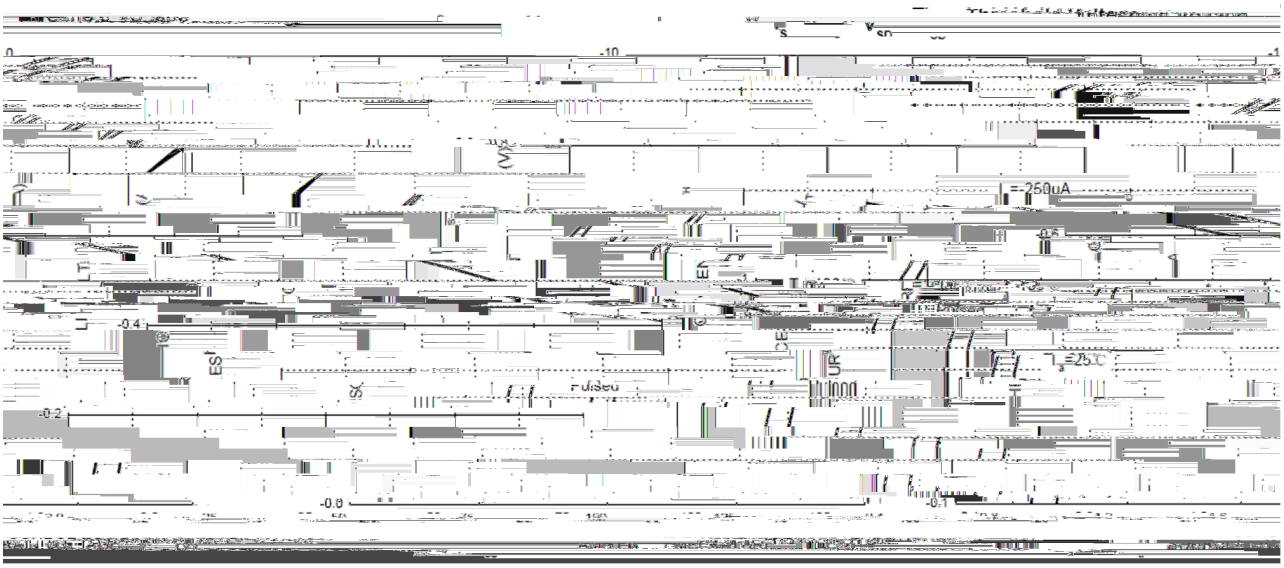
(Ratings at 25 ambient temperature unless otherwise specified).

Parameter	Test Conditions	Symbol	Min	Typ	Max	Unit

Typical characteristics





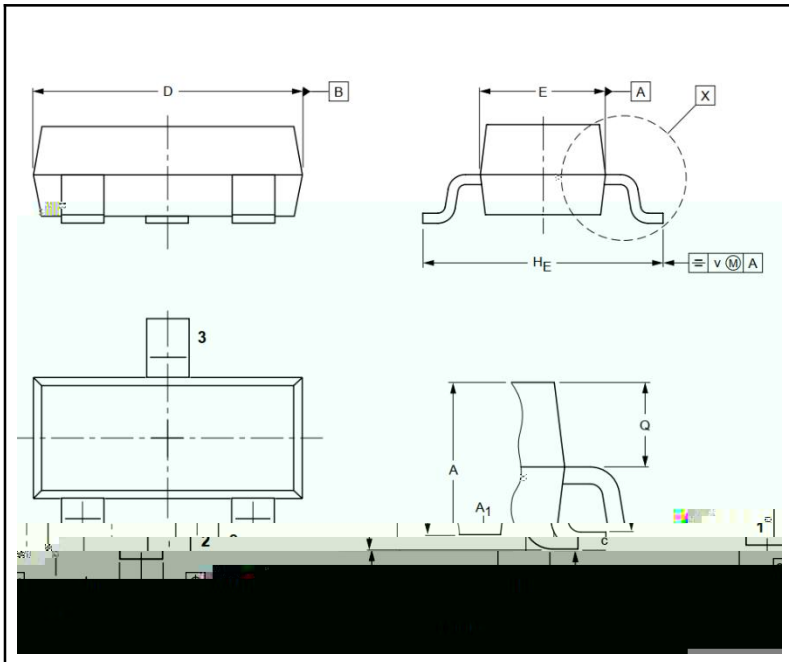


Ordering information

Package	Packing Description	Base Quantity	Packing Quantity
SOT-23			

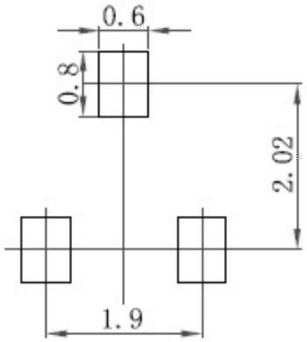
Package Dimensions

SOT-23



Dim.	Millimeter (mm)		mil	
	Min.	Max.	Min.	Max.
	0.95		37	
HE	2.1	2.55	83	100
Lp	0.15	0.45	5.9	18
Q	0.45	0.55	18	22
v	0.2		7.9	
W	0.1		4	

The recommended mounting pad size



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