Lead Free Product is Acquired

Surface Mount Package

N-Channel Switch with Low R_{DS}(on)

Operated at Low Logic Level Gate Drive

Load/Power Switching

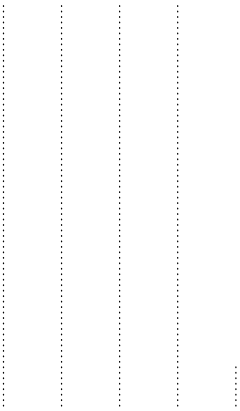
Interfacing Switching

Battery Management for Ultra Small Portable Electronics

Logic Level Shift

Parameter	Symbol	Value	Unit
Drain-Source Voltage	V_{DS}	20	V
Typical Gate-Source Voltage	V_{GS}	±12	V
Continuous Drain Current (note 1)	I_D	0.75	A
Pulsed Drain Current (t_p=10 μ s)	I_{DM}	1.8	A
Power Dissipation (note 1)	P_D	150	mW
Thermal Resistance from Junction to Ambient			

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
STATIC CHARACTERISTICS						
Drain-source breakdown voltage	$V_{(BR)DSS}$	V_{GS}				

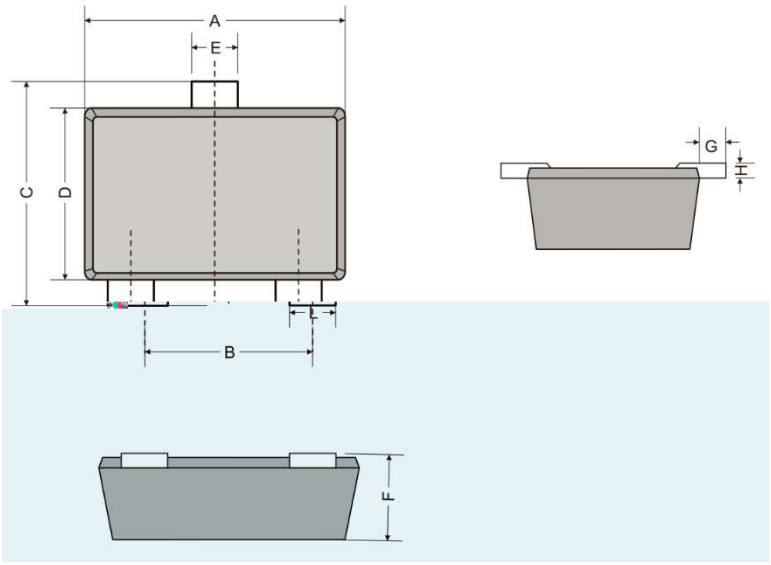


Ordering information

Package	Packing Description	Base Quantity	Packing Quantity
SOT-723	Tape/Reel,7"reel	8000pcs/Reel	64000PCS/Box 320000PCS/Carton

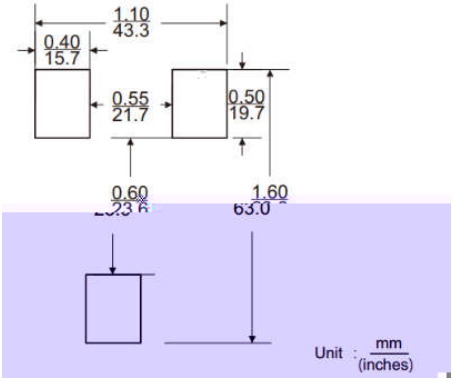
Package Dimensions

SOT-723



Dim.	Millimeter (mm)		mil	
	Min.	Max.	Min.	Max.
A	1.10	1.30	43.3	51.2
B	-	0.80	-	31.5
C	1.10	1.30	43.3	51.2
D	0.70	0.90	27.6	35.4
E	0.20	0.30	7.9	11.8
F	0.40	0.50	15.7	19.7
G	0.15	0.25	5.9	9.8
H	0.06	0.16	2.4	6.3
L	0.15	0.25	5.9	9.8

The recommended mounting pad size



F - F d

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