BRCS070P03DP

Rev.B Aug.-2023

DATA SHEET

/ Descriptions

TO-252 ĮĮĮ Ł S ŏ MOS ĵ ů Ż ㄱ

P-CHANNEL MOSFET in a TO-252 Plastic Package.

/ Features

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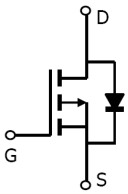
Low On-Resistance, fast switching,HF Product.

/ Applications

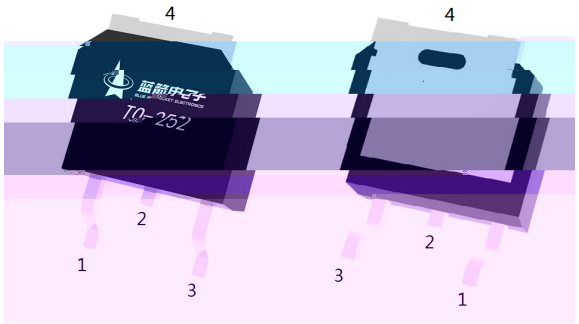
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Power Management of Industrial DC/DC Converter.

/ Equivalent Circuit



/ Pinning



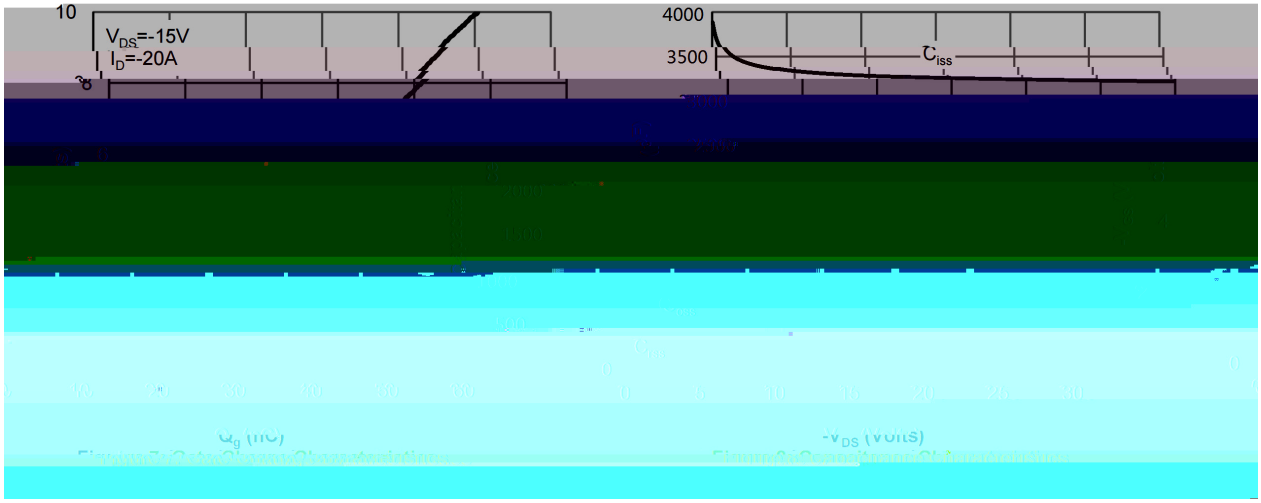
PIN1 χ G PIN 2 χ D PIN 3 χ S PIN 4 χ D

/ Marking

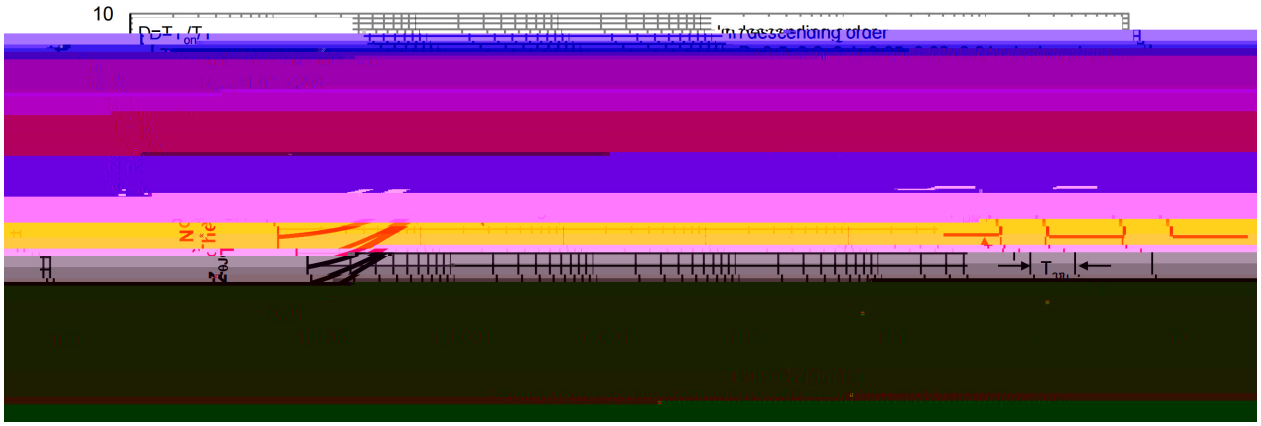
ð м ヿ ب ˝ See Marking Instructions.

v ‴Ω Parameter	ϒ N Symbol	╨ ⁝↑ ţ Test Conditions	ϣ ŋ Ө Min	Ɛ ʒ Ө Typ	ϣ ⁼Ө Ma	D Un
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=-10V V_{DS}=-15V R_L=0.75Ω R_{GEN}=3Ω				

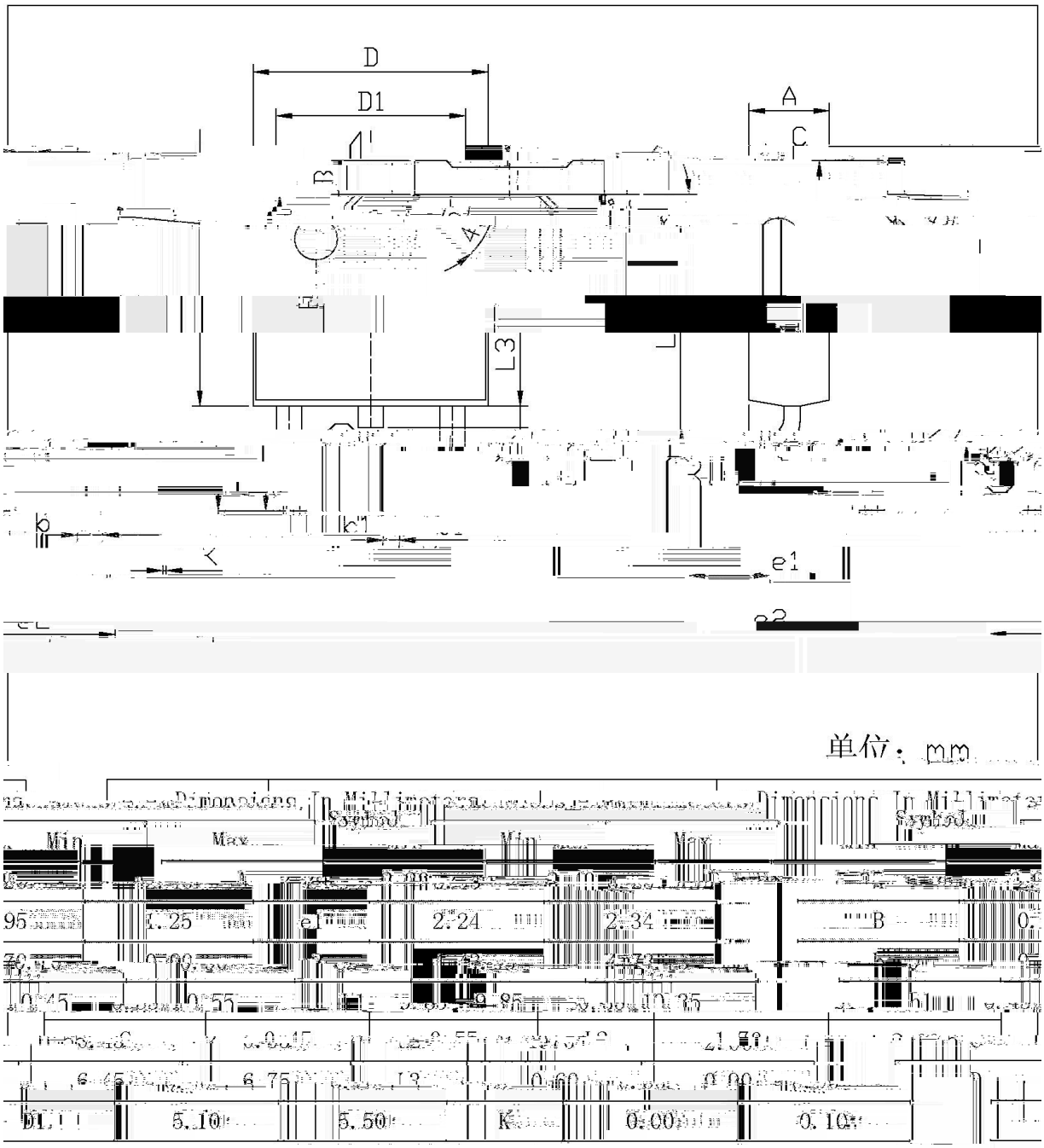
/ Electrical Characteristic Curve







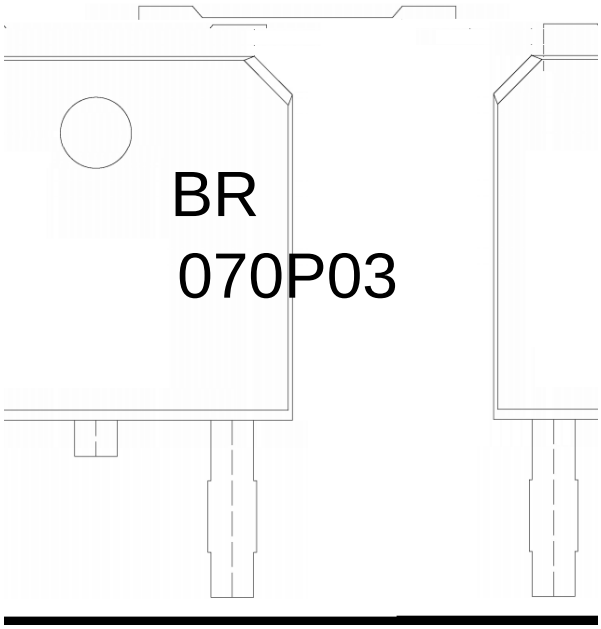
/ Package Dimensions



Symbol	Min	Max	Symbol	Min	Max
A	2.20	2.40	B	0.70	0.90
b	0.65	0.85	b1	5.20	5.40
c	0.45	0.55	c1	0.45	0.55
D	6.45	6.75	D1	5.10	5.50
e	2.24	2.34	e1	4.48	4.68
H	9.80	10.35	L	1.25	1.70
L1	2.90	REF	L2	1.60	REF
L3	0.90	1.25	L4	0.60	1.00
V	5.38	REF	θ	0°	8°
K	0.00	0.10			

TO-252

/ Marking Instructions



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Note:

BR:	Company Code
070P03:	Product Type
****:	Lot No. Code, code change with Lot No

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)