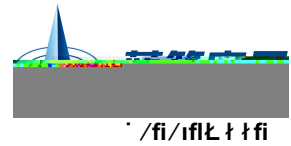


Table with header information

A	2022.4.21	ALL	AOS-AOD600A70		
B	2022.5.26	2,3,4,5	YC-RMX65R380SN_ReV1.0		



TO-252 N 650V

N-CHANNEL 650V Super-Junction Power MOSFET in a TO-252 Plastic Package.

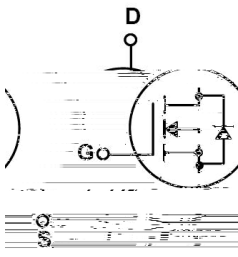
Low R<sub>DS(on)</sub>, low gate charge, low C<sub>rss</sub>, fast switching, HF Product.

Low R<sub>DS(on)</sub>, low gate charge, low C<sub>rss</sub>, fast switching, HF Product.

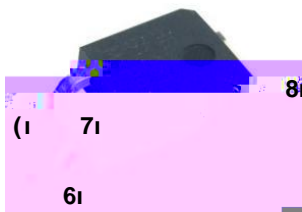
DC/DC

Suited for low voltage applications such as automotive, DC/DC Converters, and high efficiency switching for power management in portable and battery operated products.

TO-252 N 650V



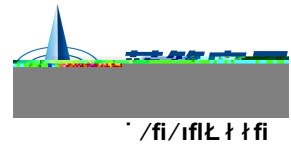
TO-252 N 650V



PIN 1 G      PIN 2 D      PIN 3 S      PIN 4 D

See Marking Instructions.

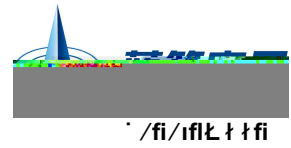
See Marking Instructions.



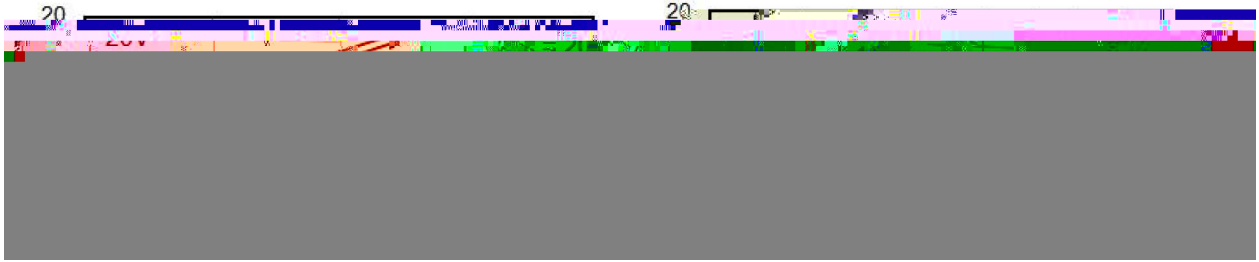
I

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DSS}$	650	V
Drain Current	$I_D(T_c=25^\circ C)$	8.5	A
Drain Current - Pulsed	$I_{DM}$	34	A
Gate-Source Voltage	$V_{GS}$	$\pm 30$	V
Single Pulsed Avalanche Energy	$E_{AS}$	108	mJ

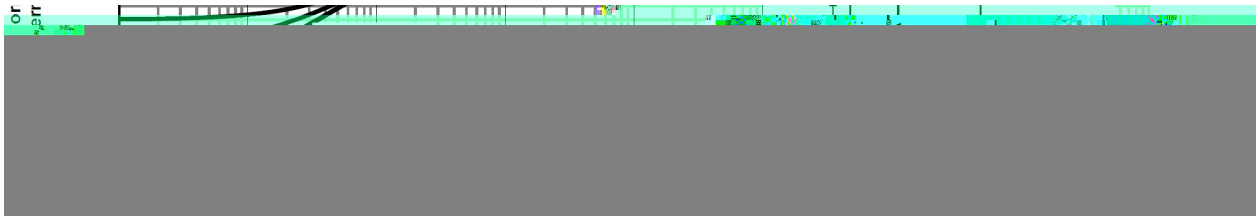
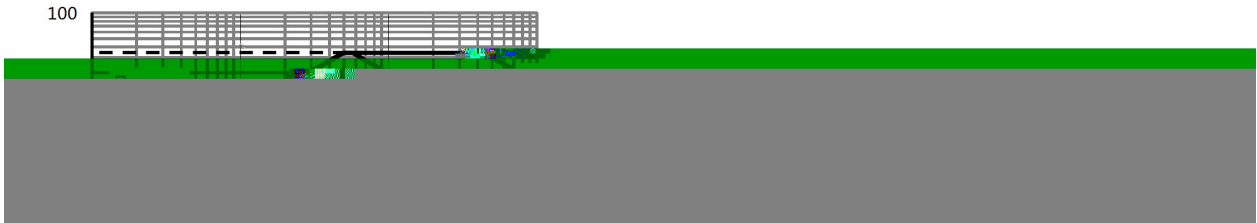
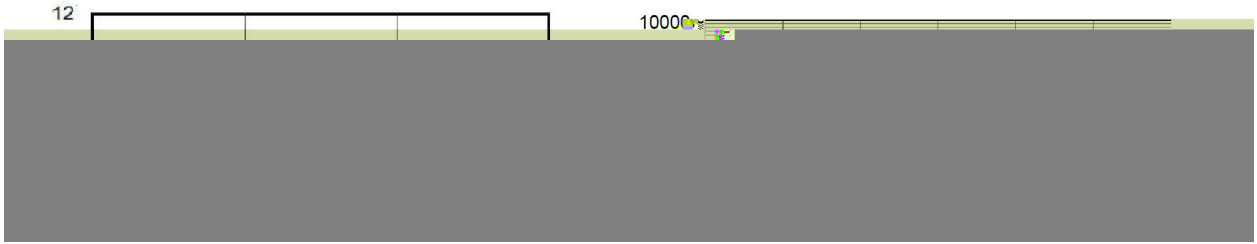
Parameter						

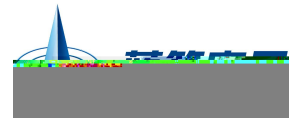


|| ži | †3ž&0%"&+3i ~ ?+%+&0ž%"#0"&i ~ 2%! ži

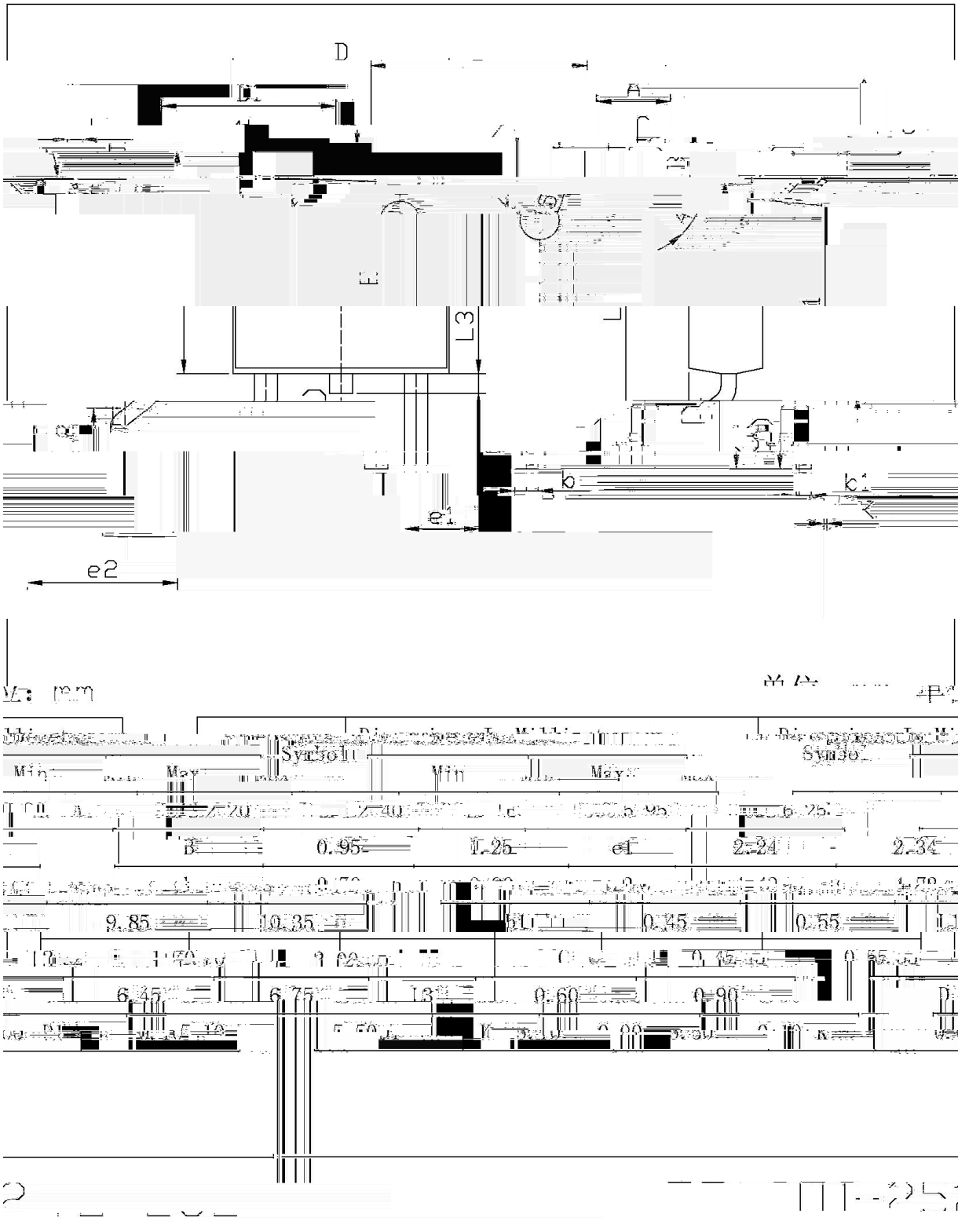


11 ži 1 1 3ž&0%"&+3i ~ ?+%"&0ž%"#0"&i ~ 2%! ži



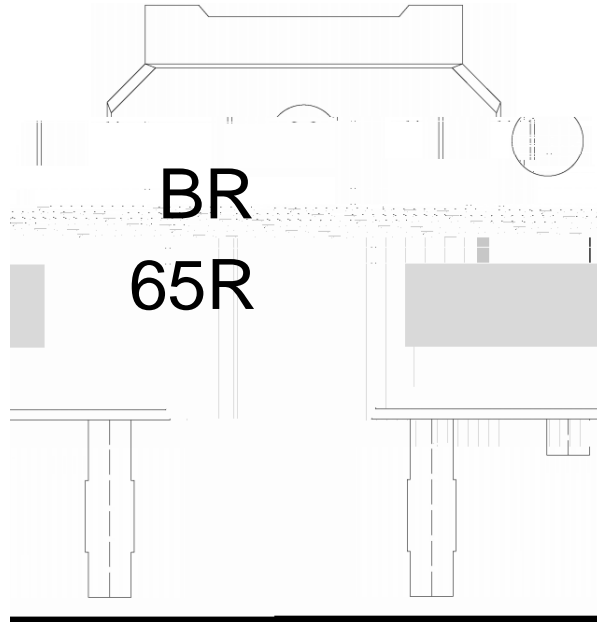


11 ži 15+&, +. ži ' ; ž-#' -#i



11 Ž 11 \* +%, "- . 1A - #0%2&0" ' - #1

0C



BR

65R650C

\*\*\*\*

Note:

BR: Company Code

65R650C: Product Type Code

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

