

%+% % , -./,0%1,2310% %

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

%, %%, , /21.; <.39 /%

TO-252 N 650V

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

%, %%, =, 7<1, /%

$R_{DS(on)}$ C_{rss}

Low $R_{DS(on)}$, low gate charge, low C_{rss} , fast switching, HF Product.

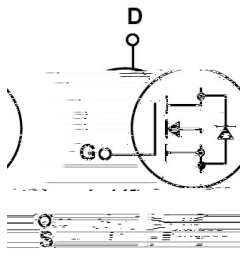
%

%, %%, &; ; ? .27<.39 /% %

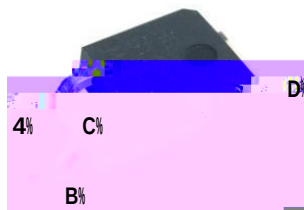
DC/DC

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

%, %%, * @>.- 7?, 9<\$.12>.<%



%, %%, A.99.9 : %



PIN1 G

PIN 2 D

PIN 3 S

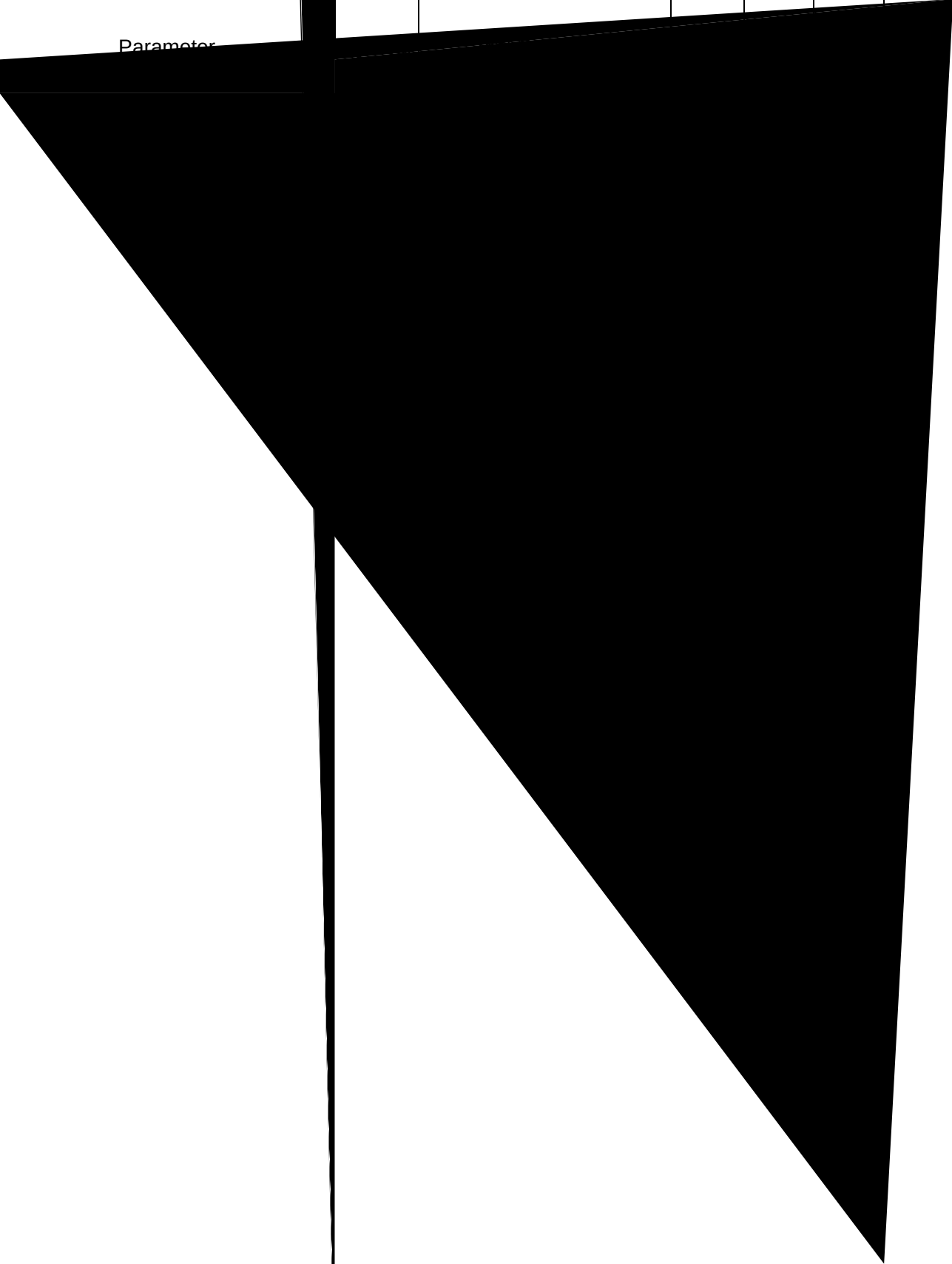
PIN 4 D

%, %%, 6 718.9 : %

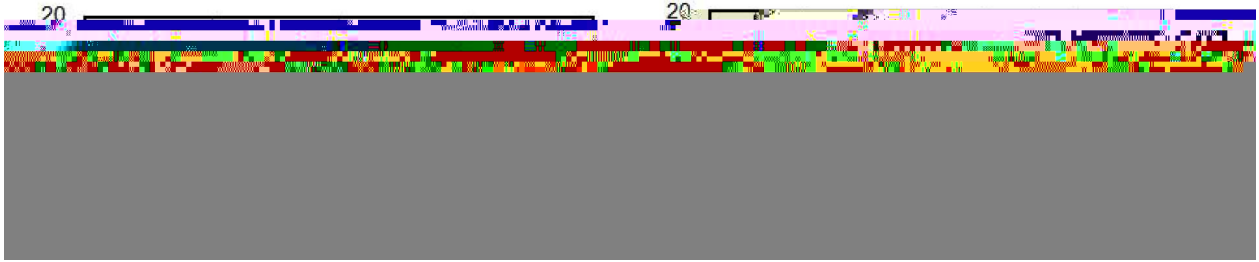
See Marking Instructions.

%

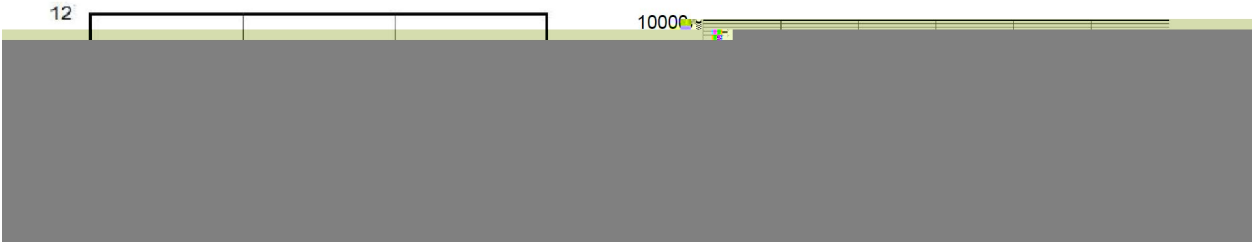
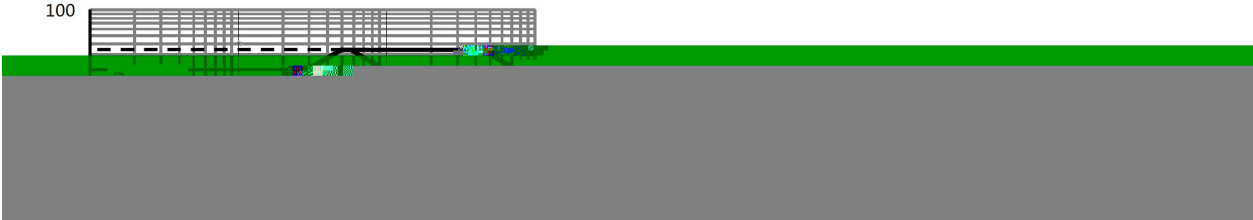
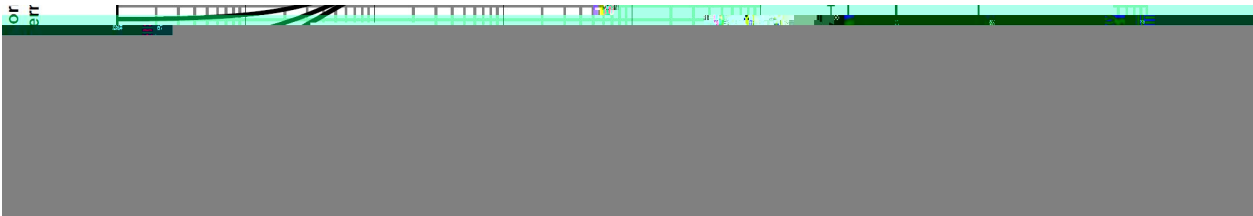
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	650	V
Drain Current	$I_D(T_c=25^{\circ}C)$	8.5	A
Drain Current - Pulsed	I_{DM}	34	A
Gate-Source Voltage	V_{GS}	± 30	V
Single Pulsed Avalanche Energy	E_{AS}	108	mJ

Parameter									
									

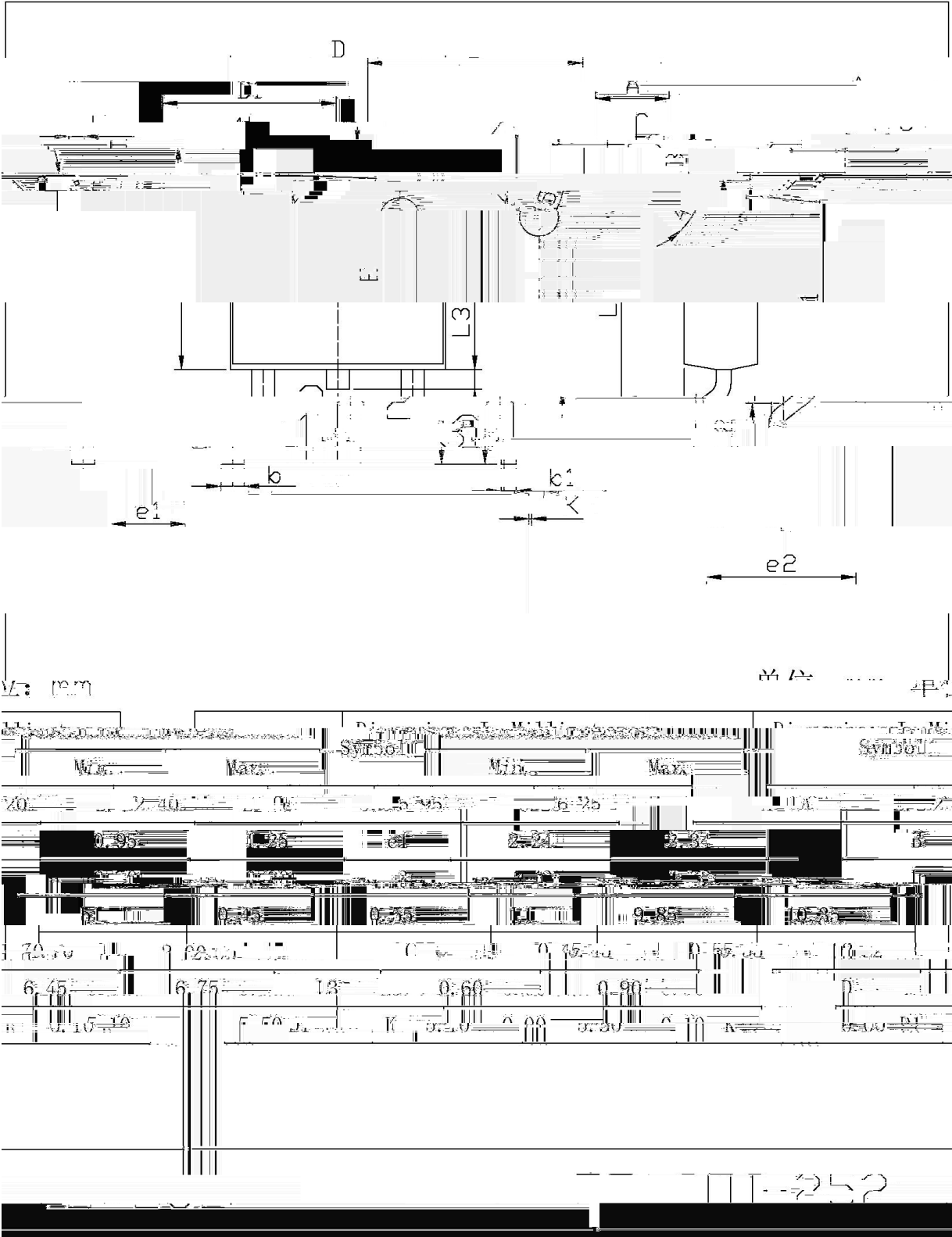
% % + % % *?,2<1.27?%\$K7172<,1./<.2%\$>1- ,%



% % + % % *?, 2<1.27% \$K7172<, 1./<.2% \$>1- , %

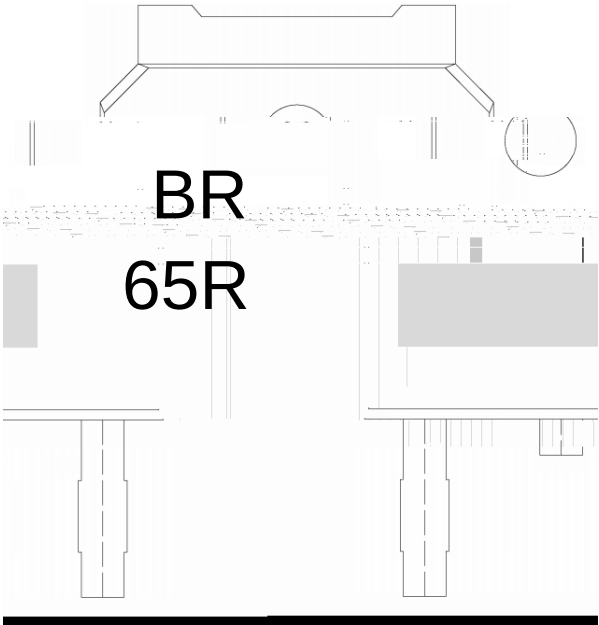


%%+%%A7287:,% .G,9/.39/%%



% % % 6 718.9 : %M9 / <1>2<.39 / %

0C

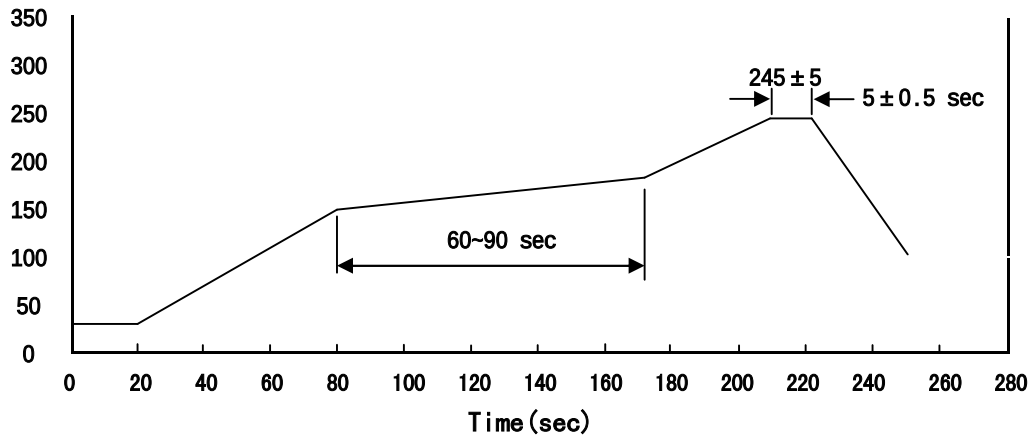


BR
65R650C

Note:
BR: Company Code
65R650C: Product Type Code
****: Lot No. Code, code change with Lot No

H J% % +% %

%



Note:

- | | | | |
|---|-------------|-----------|--|
| 1 | 150 180 | 60 90sec; | 1.Preheating:150~180°C, Time:60~90sec. |
| 2 | 245±5 | 5±0.5sec; | 2.Peak Temp.:245±5°C, Duration:5±0.5sec. |
| 3 | 2 10°C/sec. | | 3. Cooling Speed: 2~10°C/sec. |

% % +% % , / . / < 792 , % < 3 % (3'0 , 1.9 : %) , 7 < % ' , / < % \$ 390 . < 39 / %

260±5°C

10±1 sec.

Temp.:260±5°C

Time:10±1 sec

% % +% % A7287 : .9 : % (A * \$ N %

/ REEL

Package Type	Units					Dimension (unit mm ³)		
						"		

/ TUBE

Package Type	Units					Dimension (unit mm ³)		

% % +% % O3 < .2 , /