

5 é / Descriptions

TO-263 .> // x N ?ú 3 MOS « | • 'ož N-CHANNEL MOSFET in a TO-263 Plastic Package.

□ a / Features

z õ > z F Ø • ¼ , † ½ož

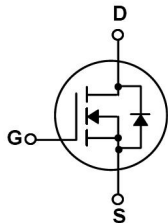
Low gate charge, Low Crss , Fast switching.

Đ ÷ / Applications

9 ä È • ¼ > k ÿ s v ~ k ; 6 9 >ož

High efficiency switch mode power supplies, Electronic lamp ballasts based on half bridge, UPS .

Ã W] Ô . / Equivalent Circuit



• Ũ - æ / Pinning



PIN1 y G

PIN 2o•4 y D

PIN 3 y S

Z Ü B , M V / h_{FE} Classifications & Marking

• - ~ a ¢ož See Marking Instructions.

@ f
Parameter

... Z
Symbol

$f >$
Rating

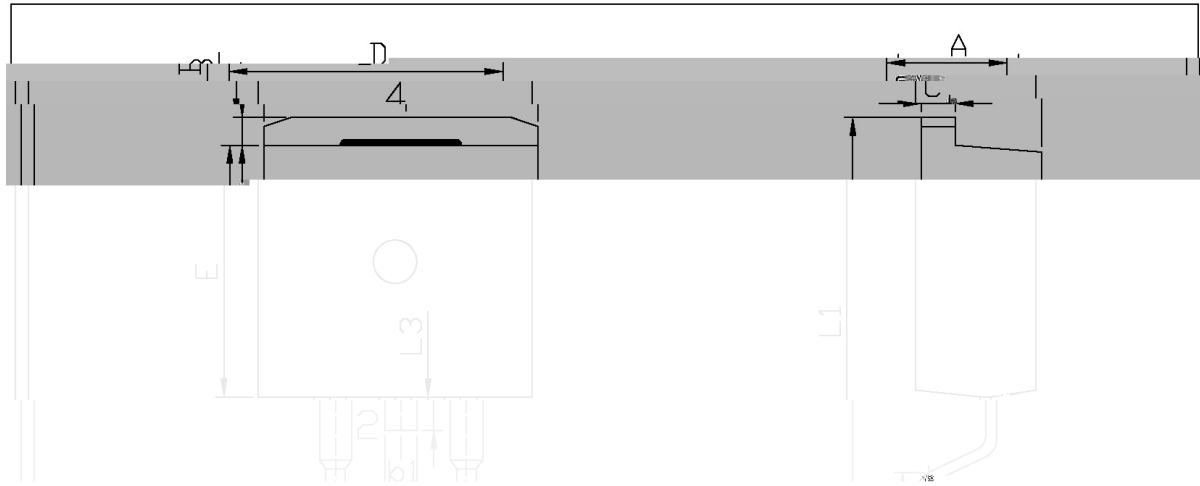
% y

BRCS12N65BD

Rev.A Aug.-2018

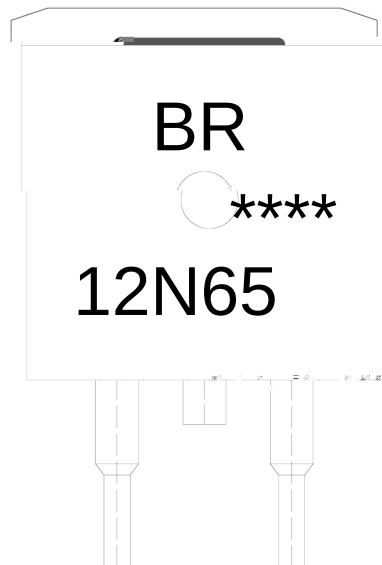
DATA SHEET

Ø □ =) ☐ / Package Dimensions



2.84	0.74	0.60	1.2	2.2
0	1.60	C	1.20	1.40
		10.20	10.20	1.2
T.1-263				

, M y f / Marking Instructions



^a ¢ y

(8 y , [W A

4 y ° Z W A

y Ÿ D Z W A k š Ÿ D Z J ož

Note:

BR: Company Code

12N65: Product Type.

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

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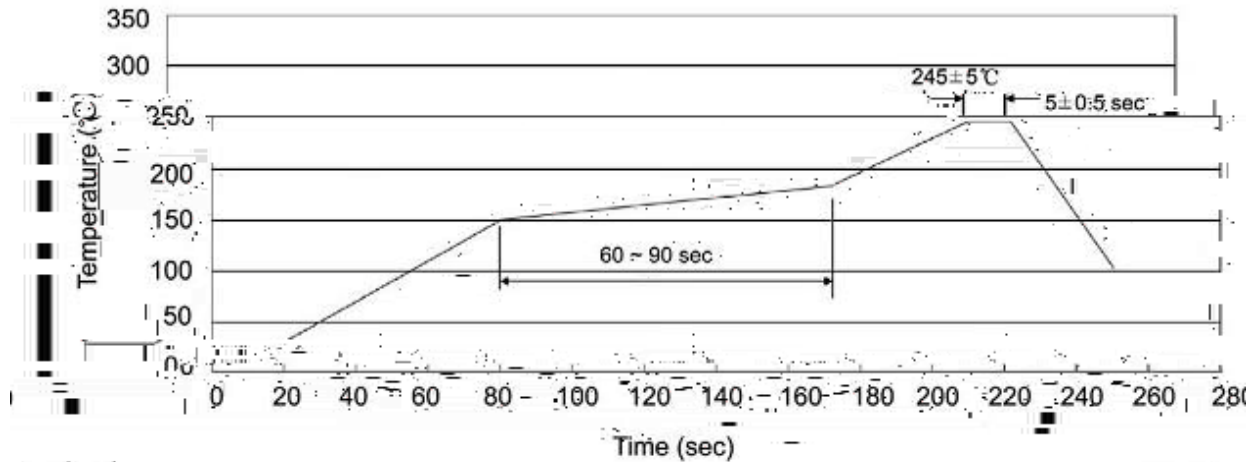
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蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

šWD t...•Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6



a ç y

1o• Ä ½ “† 150 ½180 - k ž • 60 ½90sec;

2o• Q > “† 245 r5 - k ž • 4 Ò 5 r0.5sec;

3o•D N ò i Ò 0 ,† 2 ½10 - /sec.

Note:

1.Preheating:150~180 - , Time:60~90sec.

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Resistance to Soldering Heat Test Conditions

“† y 260 r5 -

ž • y 10 r1 sec.

Temp.:260±5

Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type ß m ù ´	Units g m ô h					Dimension g m d Ê (unit ! mm³)		
	Units/Reel / í	Reels/Inner Box í / ç	Units/Inner Box / ç	Inner Boxes/Outer Box ç / ±	Units/Outer Box / ±	Reel	Inner Boxç	Outer Box±
TO-263	800	1	800	5	4,000	13s ×24	360×360×50	385×257×392

ì ´ x / TUBE

Package Type ß m ù ´	Units g m ô h					Dimension g m d Ê (unit ! mm³)		
	Units/Tube /Š •	Tubes/Inner Box Š • / ç	Units/Inner Box / ç	Inner Boxes/Outer Box ç / ±	Units/Outer Box / ±	Tube Š •	Inner Boxç	Outer Box±
TO-263	50	20	1,000	5	5,000	532×33×7.0	555×164×50	575×290×180

„ Ð y f / Notices