/ Descriptions

PDFN5×6 N

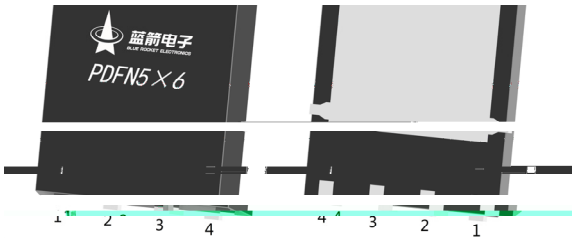
N-Channel MOSFET in a PDFN5 × 6 Plastic Package.

/ Features

Low $R_{DS(ON)}$ to minimize conductive loss;low Gate Charge for fast switching;Low Thermal resistance; HF Product.

/ Applications

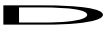
Battery Management.



PIN1 2 3 S PIN4 G PIN5 6 7 8 D

/ Marking

See Marking Instructions.

@ *f* Parameter	… Z Symbol	*f* › Rating	% y Unit
Drain-Source Voltage	V_{DS}		

BRCS015N04SZC

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ø ¤ =) ¢ / Package Dimensions

, M y ƒ / Marking Instructions

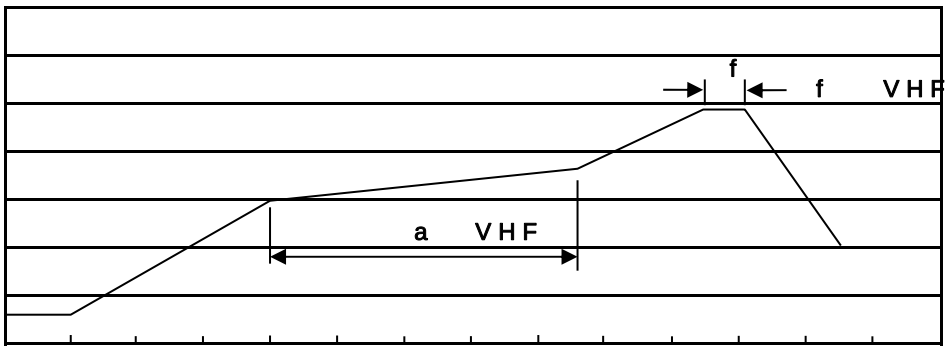
BR
015N04S
****

ª ¢ y
(8 y ¸ [W A
015N04S y D } º Z
y ÿ D Z W A k š ÿ D Z J

Note y

BR y	Company Code
015N04S y	Product Type
****:	Lot No. Code, code change with Lot No

š WD t … • Ž ¢ (x /) / Temperature Profile for IR Reflow Soldering(Pb-Free)



ª ¢ y	Note:
1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;	1.Preheating:150~180 - , Time:60~90sec.
2o• Q › “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;	2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.
3o•D N ò i Ò 0 , † 2 ½10 - /sec.	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 / x ¥ ”	Units ;>û ¦H					Dimension ;>û p . (unit Æmm³)		
	Units/Reel Q 2 &	Reels/Inner Box 2 & "	Units/Inner Box Q "	Inner Boxes/Outer Box " ”	Units/Outer Box Q ”	Reel	Inner Box¥	Outer Box¥
PDFN5 h6	5000	2	10000	6	60000	13” h 12	360 h 360 h 50	380 h 335 h 366

„ Ð y ƒ / Notices