



贝特卫士®

更好的电路安全卫士!
You build electronics. We safeguard them!

承 认 书

APPROVAL SHEET

编号 No.	696215060001-A/2-B
日期 Date	2021.07.07

客 户 Customer	
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品 名 Product	6*30 Miniature Cartridge Fuse
系 列 Series	696

料号 Part No.	规格描述 Specification	备注 Remark
贝特电子 Betterfuse	Φ6.35*31.8mm Ceramic tube, Medium High voltage, Fast-Acting current fuse 600VAC/DC 1KA	
客 户 Customer		

环保特别提示 Special instructions for environmental protection
本产品:

供应商-贝特电子 Supplier-Betterfuse	零件承认章 Approval Signet	客 户 Customer	零件承认章 Approval Signet
制 作 Make	Wenshan Chen		
审 核 Check	Fei Gao		
确 认 Approval	Weirong Xiang		

联络 Contact			
业务 Sales	电话 Telephone	手机 Cellphone	邮箱 E-mail
零件承认后敬请回签一份给我司留存, 或将承认后的封面传真(0769-8352 1857)至我司, 谢谢!			




1. SCOPE AND DESCRIPTION



Description

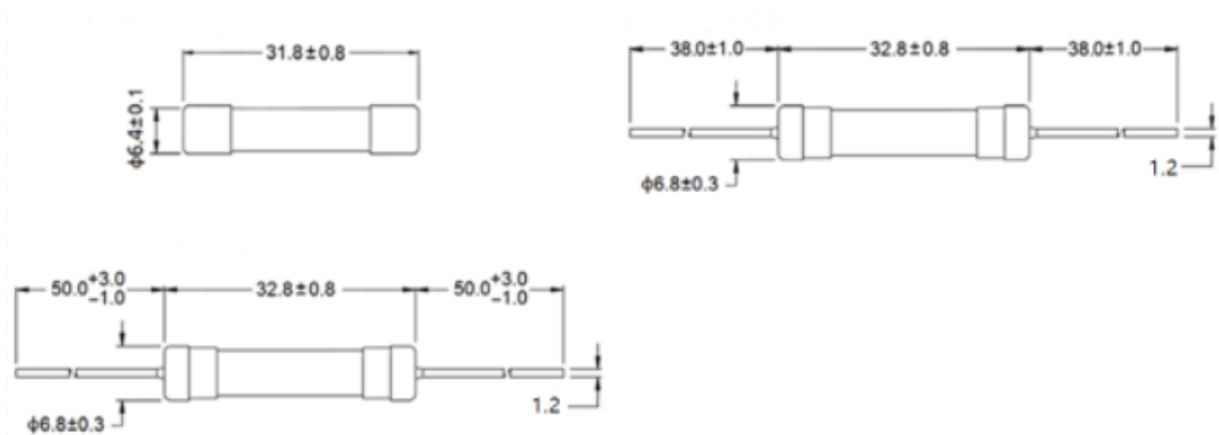
- Fast Acting, high breaking capacity under 600V
- 6x30mm physical size
- Special Engineering Material tube, Silver plated copper cap construction
- Designed to UL 248-1
- RoHS and Lead Free material

2. AGENCY APPROVALS

Agency	Agency File Number	Ampere/ Voltage Range
	E300003	600V AC/DC:15A~30A

3. CONSTRUCTION AND MECHANICAL CHARACTERISTICS

Unit:mm

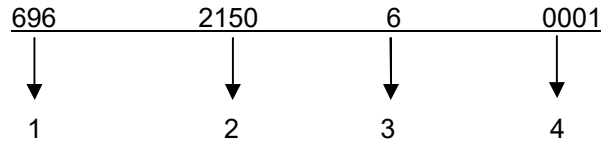




4. PART NUMBERING SYSTEM

4.1 Part Number

Example: 696215060001



- | | |
|-------------------------------|---------------------------|
| 1 .Product Series | 696 |
| 2 . Ampere Rating/ Code | 15A (see table 4.2 below) |
| 3 .Voltage Raging | 6 –600V |
| 4 .Supplementary Code | See table 4.3 below |

4.2. Ampere / Voltage Rating Table

AMP CODE	AMPERE RATING	VOLTAGE RATING
2150	15.00A	600VAC/ DC
2200	20.00A	600VAC/ DC
2250	25.00A	600VAC/ DC
2300	30.00A	600VAC/ DC

4.3. Supplementary Code

CODE	DESIGNATION
0001	lead wire: 38mm



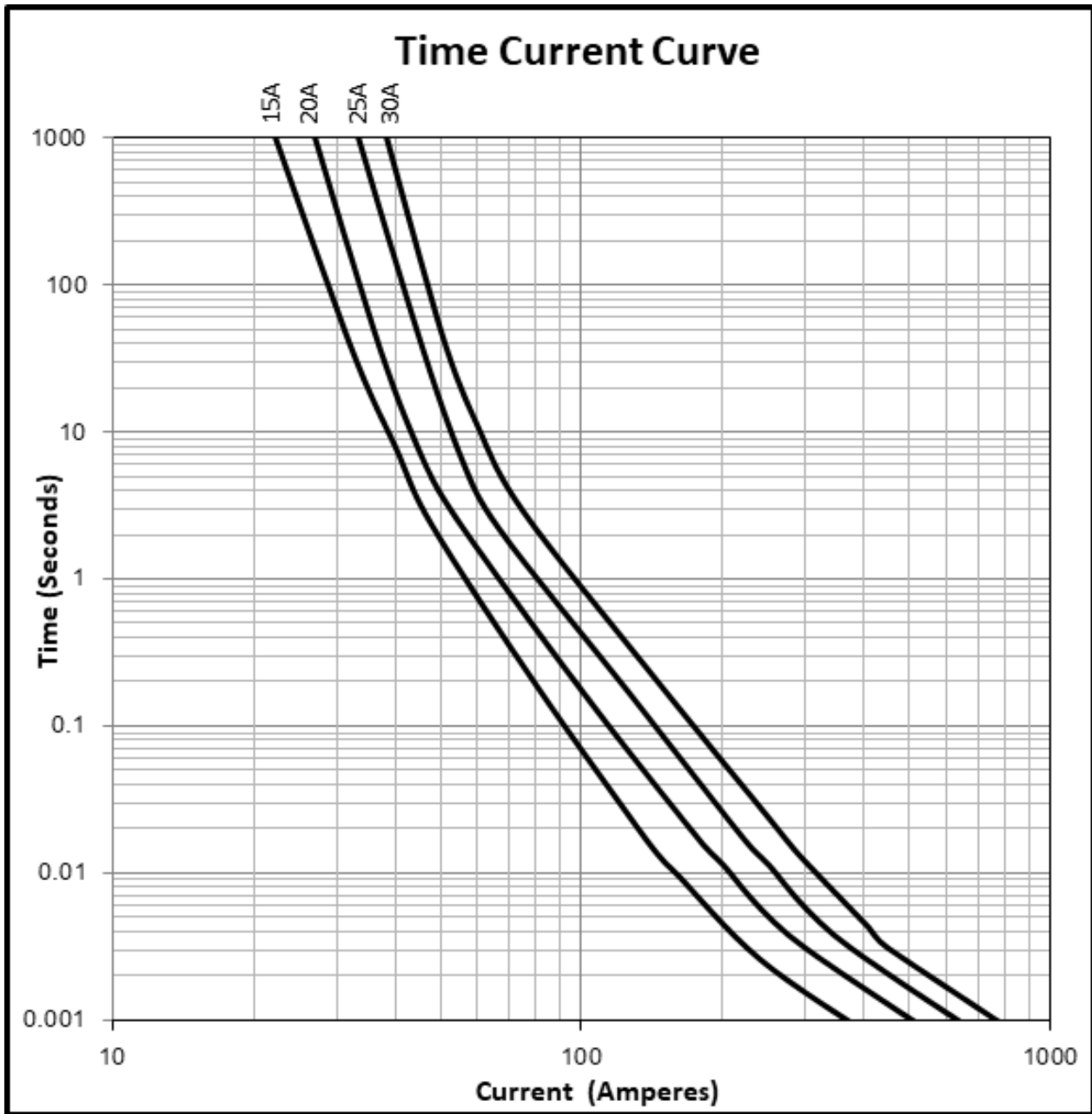
5. ELECTRICAL SPECIFICATIONS

Time vs Current Characteristics Table

(measured with constant current power supply) (according to UL248-1)

Time vs Current Characteristics: UL 248-1		
Rated Current	100%	250%
15A~30A	>4h	<60s

Time Current Curves





Electrical Characteristics

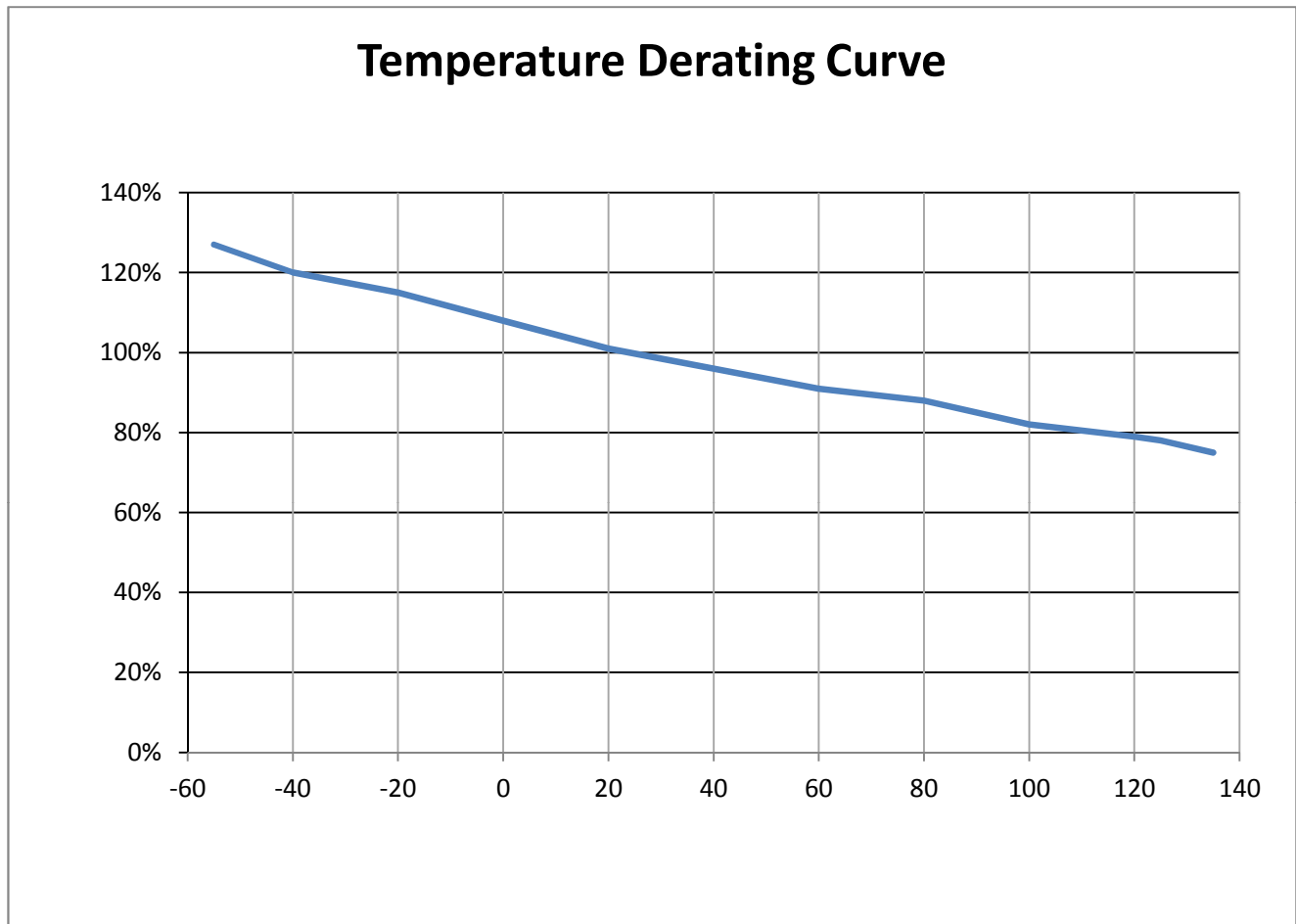
Electrical Characteristics at 25°C						
Amp Code	Rated Current	Rated Voltage	Typical Melting I ² T (A ² s)	Typical Cold Resistance (mΩ)	Breaking Capacity	Approvals
						cURus
2150	15.00A	600VAC/DC	246	5.7	1000A@600VAC 1000A@600VDC	•
2200	20.00A		435	4.5		•
2250	25.00A		695	3.6		•
2300	30.00A		1020	3.0		•

* DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25°C

* Typical Pre-arcing I²t are measured at 10In Current

* ○ means pending

Temperature Re-Rating Curve





6.SOLDERING PARAMETERS

Soldering Parameter

Wave Soldering:

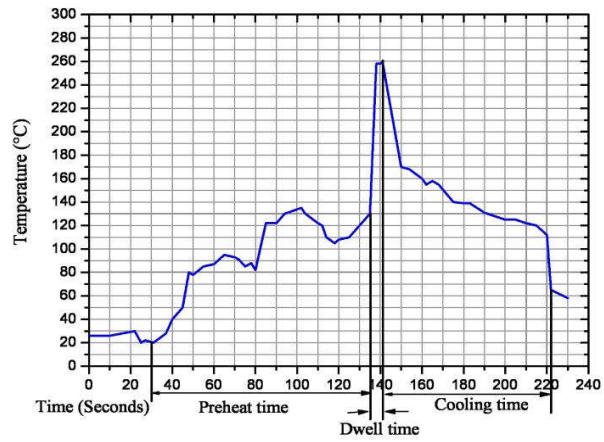
Solder Pot Temperature: 270°C Max.

Solder Dwell Time: 10s Max.

Hand-Solder:

Solder Iron Temperature: 350°C± 5°C

Heating Time: 5s Max.



7.ORDERING INFORMATION

The following information are necessary in order to place your order with us correctly:

Series	Amp Code	Supplementary Code	Qty
696			