

SPECIFICATION

APPROVAL SHEET



CUSTOMER:
PRODUCTS: S series -IGBT Snubber capacitor
CATEGORY: 2.2μF 1000Vdc
ORDERING CODE: 225J102D21201
CUSTOMER CODE:
DATE: Sep 21th, 2017 (Ver 0)

承認印/APPROVAL STAMP	
供方 /VENDER	密印 /CUSTOMER
Design	Audit
	WQ.J Sep.21 th , 2017



Specification Revisions:

Revision Level	Revision Change	Date	Initials
Ver 1.0	WTH42*33*45→42*30*45 , P28→25mm	220714	X.J.

CABO ELECTRONICS(FOSHAN) LIMITED

TEL: 86-757-8879 3288 FAX: 86-757-8619 7918
 info@cabonix.com www.cabonix.com

A Hi-Reliability capacitor brand of China

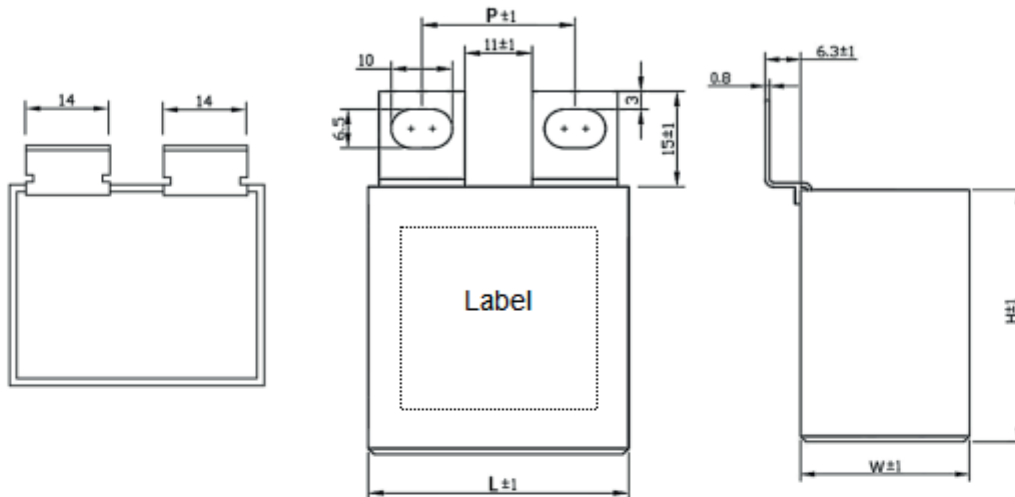
Failure Rate ≤50FIT | 100% Tested Before Delivery



技術圖紙請勿外傳! 該產品引用了多項自主技術專利, CABO 保留追究一切技術圖紙外流損失的權利
 Confidential and invention patents are contained in CABO solution, disclosure or distribution of this specification is prohibited.

S series - IGBT Snubber Capacitor

2.2 μ F1000Vdc Ordering code:225J102D21201



L(Length)	W(Width)	H(Height)	P(Pitch)	Installing range
42	30	45	25	21-29 (M6)

Dimensions in mm, unspecified dimensions tolerance ± 1 mm

技術參數 Technical specification

Electrical Characteristics		
Capacitance (C _n)		2.2 μ F
Capacitance tolerance		$\pm 5\%$ (J)
Rated voltage (U _n)		1000Vdc
RMS current (I _{rms})		25A
Pulse current (I _p)		1100A dv/dt>500V/ μ s
ESR		<2.0m Ω
Dissipation factor		Tan $\theta \leq 0.0008$ @10kHz
ESL		≤ 25 nH
Insulation Resistance (R _i)		R _i x C >5000s
Operating Temperature (T _w)		-40~+85 $^{\circ}$ C
Work life		100,000 Hrs @U _n , $\leq 70^{\circ}$ C
Humidity (RH)		0~90%
Altitude		<4000m
Protection level		P0
Mechanical and test parameters		
Test voltage - terminals (U _{tt})		1500Vdc 10s
Enclosure material		Plastic shell
Sealing materials		Epoxy resin (Dry type)
Dielectric medium		Metallized PP film, self-healing
Cooling mode		Nature cooling
Fire resistance		UL 94 V-0

