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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Comparison with the Specifications

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CUSTOMER'S PRODUCT NAME :

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TDK PRODUCT NAME :      DC/AC INVERTER UNIT CXA-0535

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**TDK-Lambda Corporation**

PREPARED BY	APPROVED BY	AUTHORIZED BY
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## The difference between CXA-0384 and CXA-0535

### <Product Description>

Compared with CXA-0384 to CXA-0535 , we will expand the operating temperature range , improve the start up characteristic at low temperature and protect circuit.

We have changed the fuse rating for lamp impedance at the low temperature .

### 1. Outline , Connector

		CXA-0384	CXA-0535
Outline	(mm)	50X150X8.5	←
Input Conector		S7B-PH-SM4-TB(LF)(SN)	←
Output Conector		SM02B-BHSS-1-TB(LF)(SN) SM02(4.0)B-BHS-1-TB(LF)(SN)	←
Mounting hole location		— — —	←
Mounting hole diameter	(mm)	2.5	←

### 2. Absolute maximum rating

		CXA-0384	CXA-0535
Vin	(V)	0~15	←
Vrmt	(V)	0~Vin	←
Vbr	(V)	0~16	←
Load	(KΩ)	100max	←
Operation Temperature range	(°C)	0~70	-30~80
Strage Temperature range	(°C)	-30~85	←
Humidity range	(%RH)	95max	←

### 3. Electrical characteristics

		Vin	Vrmt	Vbr(V)	Load	CXA-0384	CXA-0535
Output current (Dimming max)	(mArms)	12±1.2	5	0/0	TYP	6.5typ	←
Output current (Dimming min)	(mArms)	12±1.2	5	2.5/50	TYP	2.0typ	←
Input current	(A)	12±1.2	5	0/0	TYP	0.9typ	←
Frequency (Dimming max)	(KHz)	12±1.2	5	0/0	TYP	50typ	←
Frequency (Dimming min)	(Hz)	12±1.2	5	2.5/50	TYP	270typ	150typ
Open circuit voltage	(Vrms)	10.8	5	0/0	∞	1500min	1700min
Alarm output	(V)	12±1.2	5	0~2.5 /0~50	∞	5.0typ	←
Protect circuit		12±1.2	5	0~2.5 /0~50	—	Shutdown at all road open	Shutdown at one road open

※CXA-0384:0~70°C、CXA-0535:-30~80°C

TDK-Lambda	No.	MATERIALS NAME	QU	MATERIAL	REMARK
	PRODUCT NAME or MODEL,TITLE				
	DC-AC INVERTER UNIT CXA-0535				
	NAME OF DRAWING		DRAWING No.		PAGE
	Comparison with the Specifications		CTR-3912-X		1

<The drawings may be changed without any notice.>