

東莞市浩盈電子有限公司

DONG GUAN HAOYING ELECTRONIC CO.,LTD

SPECIFICATION FOR APPROVAL

APPROVED SIGNATURES (客戶確認)

CUSTOMER:	2485	
PART No.:	PQ2620-UC3875 24V-3A	RVE:01
Please sign and return one copy. All product units will be built according to this specifications.		

MANUFACTURER/製造商		
APPROVED	CHECKED	PREPARED
李鵬飛	吳永華	關瑞劍
DATE: 2025.02.15	DATE: 2025.02.15	DATE:2020.03.25

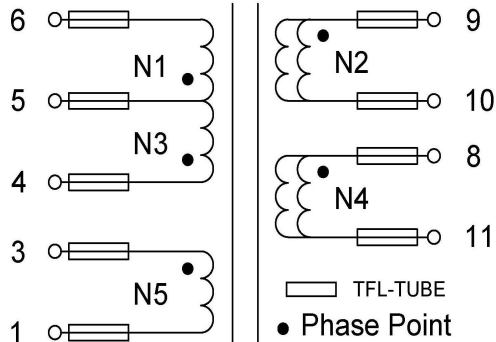
MODEL No.: HY430-PQ2620K0	Product Category: Transformer
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客戶變更履歷表	
變更日期	變更內容

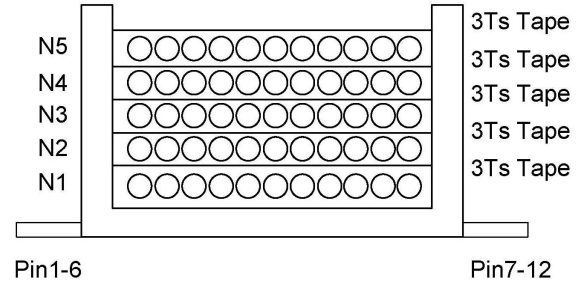
Electrical Performance/電氣性能

1. Core Size/磁芯規格: PQ2620

2.Circuit diagram/電路圖:



3.Winding Diagram/繞製結構圖:



2-2Winding Specification/繞線說明:

No	Winding	Terminal	No. Of Turns	Wire	Winding Condition
1	N1	4-5	20Ts	0.40mm*1P UEW	平整密繞
2	N2	9-10	9Ts	0.30mm*2P TEXE	平整密繞
3	N3	5-6	18Ts	0.40mm*1P UEW	平整密繞
4	N4	8,11	9Ts	0.30mm*2P TEXE	平整密繞
5	N5	3-1	6Ts	0.40mm*1P UEW	置中疏繞

3. Electrical Characteristic/電氣性能: 、

No.	Parameter		Specification	Test Instruments
1	Inductance	1-3	700μH±7%	Wayne Kerr Precision Inductance Analyzer 3245 Test Conditions : At 1KHz,0.3V
2	Leakage Inductance	(4-6)10μHMax	@100KHz 0.3V	Other pins were short circuit
3	Withstanding Voltage(AC)	Pri. - Sec.	2.0KV3sec.	Goodwill Puncture/Insulation
		Pri. - Core	1.0KV3sec.	Tester / Model : GPI 5005T
		Sec. - Core	1.0KV3sec.	Cutoff Current: 5mA

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DESCRIPTION

Transformer

PART/NO.

HY430-PQ2620K0

REV/NO.

A0

DRAWER

關瑞劍

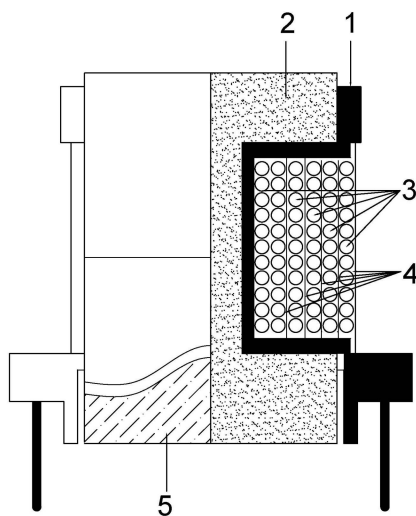
CHECKED

吳永華

APPROVED

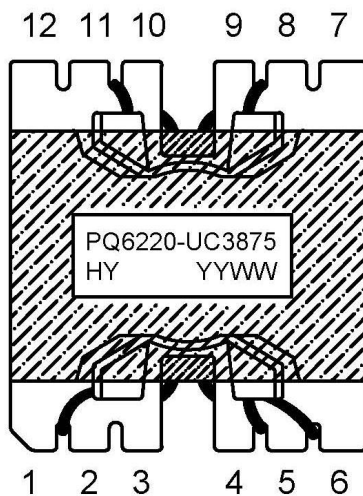
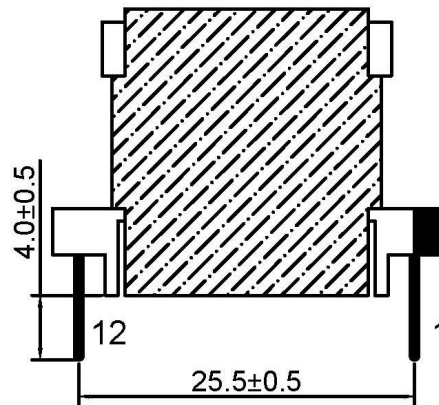
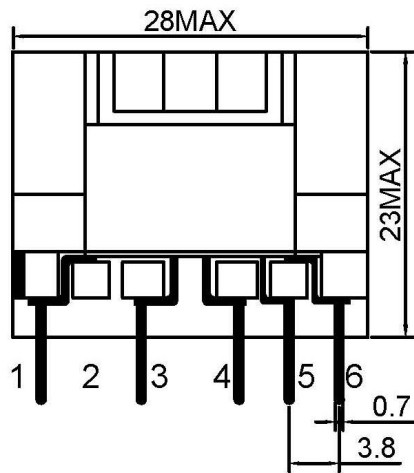
李鵬飛

Construction Drawing &Material list/結構圖與材料清單



No.	description	materials	Material suppliers		
01	Bobbin	PQ2620 PM9820	SUMITOMO BAKELITE CO LTD (E41429M).		
02	Core	PQ2720 PC40	NICERA /HY4/TDG		
03	Coil winding	UEW 130°C	TAI-ELECTRIC WIRE & CABLE CO.,LTD (E85640)		
03	Coil winding	TEX-E	FURUKAWA ELECTRIC CO.,LTD (E206440)		
04	Insulation	Polyester film, 130°C/PZ	JING JIANG YA HUA PRESSURE SENSITIVE GLUE CO.,LTD (E165111)		
05	Core out wrap	Polyester film, 130°C/PZ	JING JIANG YA HUA PRESSURE SENSITIVE GLUE CO.,LTD (E165111)		
06	Tube	WF600 PTFE-TUBE	SHENZHEN WORE HEAT-SHRINGABLE MATERIAL CO.,LTD(E203950)		
07	Varnish	ET-90(A)	WU JIANG TAIHU INSULATING MATERIAL CO.,LTD(E233623)		
東莞市浩盈電子有限公司 DONG GUAN HAoying ELECTRONIC CO.,LTD			DESCRIPTION	Transformer	
			PART/NO.	HY430-PQ2620K0	
			REV/NO.	A0	
DRAWER	關瑞劍	CHECKED	吳永華	APPROVED	李鵬飛
Final Product Drawing/成品外觀圖					

Mechanical Dimension(unit in mm)外形尺寸(單位:mm)



說明:

1. PIN2拔去;
2. 磁芯中柱研磨氣隙;裝在頂部;
3. 磁芯包3圈0.05*20mm淡黃色麥拉膠帶;
4. 變壓器需真空浸漆,並烘烤乾燥;
5. 變壓器需潔淨無污穢或雜物;
6. 標籤材質:UL透明PVC,印黑色Arial字體;
標籤尺寸:20mm*8mm,或噴印.

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DONG GUAN HAOYING ELECTRONIC CO.,LTD

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PART/NO.	HY430-PQ2620K0
REV/NO.	A0

DRAWER	關瑞劍	CHECKED	吳永華	APPROVED	李鵬飛
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Test Report/測試報告

Customer/客戶: 2485			Part No./品名: PQ2620-UC3875 24V3A		
Model No./產品型號: HY430-PQ2620K0			Product No./產品編號:		
	Input Voltage &Frequency 輸入電壓及頻率	Inductance(mH) 電感(mH)	Leakage Inductance(μH) 漏電感(μH)	Hi-Pot Voltage 耐壓測試	
Req 要求	1KHz,0.25V	0.7mH±7%	10μHMAX	3.5KV/1.5 KV3sec	
01	1KHz,0.25V	715uH	66.0μH	OK	
02	1KHz,0.25V	710uH	5.2μH	OK	
03	1KHz,0.25V	691uH	4.8μH	OK	
04	1KHz,0.25V	688uH	5.5μH	OK	
05	1KHz,0.25V	693uH	5.3μH	OK	
06					
07					
08					
09					
10					
Unit Weight/產品單重:					
Judgment/判定: ☒ Accepted/合格 ☐ Rejected/不合格					
Remark/備註:					
東莞市浩盈電子有限公司 DONG GUAN HAOYING ELECTRONIC CO.,LTD			DESCRIPTION		Transformer
			PART/NO.		HY430-PQ2620K0
			REV/NO.		A0
TEST BY	關瑞劍	CHECKED	吳永華	APPROVED	李鵬飛