

THIRD ANGLE PROJECTION

NOTES:-

- BOARD SIZE, FIXING CENTRES AND HEATSINK POSITIONS TO BE IDENTICAL TO THE VX15 CROSSOVER (7300 1334)
- ALL COMPONENTS TO BE GLUED AND TIE WRAPPED TO BOARD.
- BOARD TRACKS TO BE DESIGNED FOR MAXIMUM CURRENT HANDLING CAPABILITY (2oz/SOFT COPPER TRACK).
- BOARD TO BE FIREPROOF/FIBREGLOSS.
- ALUMINIUM CLAD WIREWOUND RESISTORS TO BE FITTED TO A HEATSINK.
- H.F. AND L.F OUTPUT PHASE REVERSED.
- WIRE - STRANDED 2.0mm CSA.
- BOARD TO BE SUPPLIED WITH 6x SPACERS FITTED
- PLEASE SEND COMPONENT LAYOUT FOR DESIGN APPROVAL BEFORE SAMPLING
- PLEASE NOTE THAT C5 COULD BE 1x33uF AND 1x47uF
- ALL WIRES, CONNECTORS AND PCB BOARD TO BE UL RECOGNISED.
- PCB MUST BE A UL RECOGNISED COMPONENT (ZPMV2), MIN V-1, MIN 105 ° C, RATED FOR DIRECT SUPPORT OF LIVE PARTS. PCB MUST BE PRINTED WITH THE RELEVANT INFORMATION TO CONFIRM PART COMPLIES.

C1	NON POLARIZED ALCAP, LOW ESR	±5%	150V DC	150uF
C2	MKP CAPACITOR	±5%	250V DC	1.2uF
C3	MKP CAPACITOR	±5%	250V DC	3.3uF
C4	MKP CAPACITOR	±5%	250V DC	0.47uF
C5	MKP CAPACITOR	±5%	250V DC	80uF
C6	MKP CAPACITOR	±5%	250V DC	50uF
L1	AIR CORE INDUCTOR	±5%	DCR≤0.19	0.45mH
L2	AIR CORE INDUCTOR	±5%	DCR≤0.22	0.6mH
L3	AIR CORE INDUCTOR	±5%	DCR=0.6	1.05mH
L4	AIR CORE INDUCTOR	±5%	DCR=1.3	2.1mH
L5	AIR CORE INDUCTOR	±5%	DCR≤0.7	4.0mH
R1	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	4R
R2A	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	24R
R2B	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	24R
R3	WIREWOUND RESISTOR	±5%	20W	3R3
R4	WIREWOUND RESISTOR	±5%	10W	4R7

Part No.
7300 1333

First used on
VX12.2Q

Issues

A

07/01/11 GW

B

08/06/11 GW

L1 DCR 0.19 WAS 0.5

L2 DCR 0.22 WAS 0.6

1

07/01/11 GW

2

12/10/11 MS

UL NOTE ADDED

7500 0727 WAS

7500 0420

CR8837

3

21/11/12 MS

PCB NOTE ADDED,

ADDITIONAL PRINT

REQUIRED TO

CONFIRM UL

COMPLIANCE

CR8896

LEAD ASSEMBLY
7500 0727

PCB

TYPICAL BOARD LAYOUT AND CONSTRUCTION

LEAD ASSEMBLY
7500 0682

SHEET 1 OF 1

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MATERIAL

FINISH

TITLE

CROSSOVER TYPE 1711 - VX12.2Q

ALL DIMENSIONS IN MILLIMETRES

Limits of tolerance unless stated:

One place of decimal dim.

Two places of decimal dim.

Holes 12.0mm dia & under

Holes over 12.0mm dia.

RoHS Compliant

Drawn

Checked

Approved

Scale

CROSSOVER TYPE 1711 - VX12.2Q

A2

7300 1333