

THIRD ANGLE PROJECTION

NOTES:-

1. BOARD SIZE AND FIXING CENTRES TO BE IDENTICAL TO THE VX12 CROSSOVER (7300 1330) AND HAVE THE HEATSINK IN THE SAME POSITION.

2. ALL COMPONENTS TO BE GLUED AND TIE WRAPPED TO BOARD.

3. BOARD TRACKS TO BE DESIGNED FOR MAXIMUM CURRENT HANDLING CAPABILITY (2oz/SOFT COPPER TRACK).

4. BOARD TO BE FIREPROOF/FIBREGLASS.

5. ALUMINIUM CLAD WIREWOUND RESISTORS TO BE FITTED TO A HEATSINK.

6. H.F. OUTPUT PHASE REVERSED.

7. WIRE - STRANDED 2.0mm CSA.

8. PLUGS FITTED TO WIRES IS AMP REF. 1-480424-0

9. BOARD TO BE SUPPLIED WITH 6x SPACERS FITTED

10. PLEASE SEND COMPONENT LAYOUT FOR DESIGN APPROVAL BEFORE SAMPLING.

11. ALL WIRES, CONNECTORS AND PCB BOARD TO BE UL RECOGNISED.

12. 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	MKP CAPACITOR	±5%	250V DC	0.9uF
C2	MKP CAPACITOR	±5%	250V DC	12uF
C3	MKP CAPACITOR	±5%	250V DC	15uF
C4	MKP CAPACITOR	±5%	250V DC	1.5uF
L1	AIR CORE INDUCTOR	±5%	DCR≤0.5	1.1mH
L2	AIR CORE INDUCTOR	±5%	DCR≤0.4	1.3mH
L3	AIR CORE INDUCTOR	±5%	DCR≤0.3	0.16mH
L4	AIR CORE INDUCTOR	±5%	DCR=1.5	2.7mH
R1A	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	39R
R1B	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	39R
R1C	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	47R
R2	WIREWOUND RESISTOR	±5%	20W	5R6

Part No.

7300 1332

First used on

VX12Q

Issues

A

07/01/11 MS

B

07/01/11 MS

L1 WAS

DCR≤0.8

1

07/01/11 MS

2

12/10/11 MS

UL NOTE ADDED

LEAD ASSEMBLIES

WERE 7500 0420 AND

7500 0421

CR8837

3

21/11/12 MS

PCB NOTE ADDED,

ADDITIONAL PRINT

REQUIRED TO

CONFIRM UL

COMPLIANCE

CR8896

LEAD ASSEMBLY
7500 0727

RED

+

INPUT

BLACK

-

R1C

R1B

R1A

L1

C1

C3

L3

C4

L4

R2

L2

C2

GREEN

OUTPUT H.F.

YELLOW

BROWN

QUTPUT L.F.

BLUE

+

-

LEAD ASSEMBLY
7500 0728

PCB

TYPICAL BOARD LAYOUT AND CONSTRUCTION

INPUT

OUTPUT

PRODUCT NAME

PLASTIC STAND OF PREVIOUSLY USED ON P.C.B. MOUNTED X/OVERS

SHEET 1 OF 1

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MATERIAL

FINISH

TITLE

CROSSOVER TYPE 1710 - VX12Q

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 1710 - VX12Q

A2

7300 1332