

THIRD ANGLE PROJECTION

NOTES:-

1. MAXIMUM BOARD SIZE 210mm X 120mm.

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. ALL 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. BULB TO BE BONDED TO PCB, WITH SILICONE ADHESIVE.

10. LAMINATED CORE INDUCTORS MUST HAVE A CORE SIZE GREATER THAN OR EQUAL TO 12MM SQUARE

11. BOARD TO BE SUPPLIED WITH 5x SPACERS FITTED

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

13. 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	MKT CAPACITOR	±5%	100V DC	40uF
C2	MKT CAPACITOR	±5%	100V DC	10uF
C3	NON POLARIZED ALCAP, LOW ESR	±5%	100V DC	150uF
C4	MKT CAPACITOR	±5%	100V DC	2.7uF
C5	NON POLARIZED ALCAP, LOW ESR	±5%	150V DC	47uF
L1	AIR CORE INDUCTOR	±5%	DCR≤0.5	1.0mH
L2	AIR CORE INDUCTOR	±5%	DCR≤0.3	0.25mH
L3	LAMINATED CORE INDUCTOR	±5%	DCR≤0.7	6.0mH
L4	LAMINATED CORE INDUCTOR	±5%	DCR≤0.45	5.0mH
R1A	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	8R2
R1B	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	8R2
R2	ALUMINIUM CLAD WIREWOUND RESISTOR	±5%	50W	3R3
R3	WIREWOUND RESISTOR	±5%	10W	1R2
B1	LIGHTBULB		12V/21W	

Part No.

7300 1329

First used on

VX8.2

Issues

A

07/01/11 GW

B

07/04/11 MS
GREEN,
YELLOW AND
RED WIRE
CRIMPS
CHANGED,
L4 HAD DCR
OF 0.5
RED AND
BLACK WIRES
INCREASED
BY 100mm

1

07/01/11 MS

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

GREEN
550±20.0mm

BLUE
550±20.0mm

YELLOW
550±20.0mm

BROWN
550±20.0mm

RED
350±20.0mm

BLACK
350±20.0mm

TERMINAL CRIMP
250 SERIES x 0.8mm

TERMINAL CRIMP
250 SERIES x 0.8mm

TERMINAL CRIMP
250 SERIES x 0.8mm

TERMINAL CRIMP
187 SERIES x 0.5mm

TERMINAL CRIMP
250 SERIES x 0.8mm

TERMINAL CRIMP
250 SERIES x 0.8mm

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MATERIAL

RED WIRE 1134 6074
BLACK WIRE 1134 6075
BROWN WIRE 1134 6076
BLUE WIRE 1134 6077
GREEN WIRE 1134 6078
YELLOW WIRE 1134 6079

FINISH

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

TITLE

CROSSOVER TYPE 1707 - VX8.2

CROSSOVER TYPE 1707 - VX8.2

A2

7300 1329