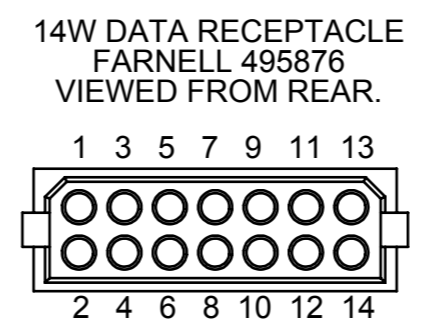


MOTOR WIRES  
3 PHASES WITHIN BRAIDED SCREEN & WHITE STATOR SCREENING LENGTH 550 ± 10

HEATSHRINK UP TO 3 WAY SPLIT IN PHASES 500 LONG LABELED J5



FEEDBACK CONNECTIONS.

RED 5V PIN 5  
BLACK 0V PIN 1  
BLUE HALL 1 PIN 2  
WHITE HALL 2 PIN 3  
YELLOW HALL 3 PIN 4  
WHITE NC  
BROWN THERMISTER PIN 13  
ORANGE THERMISTER PIN 14  
SCREEN PIN 11  
THERMISTER TYPE NTC

MOTOR RATINGS FOR NEW VEHICLE

VOLTAGE..... 42 V  
CURRENT..... 7 Amps  
TORQUE..... 1.78 Nm  
SPEED..... 800 r.p.m  
POWER..... 148 Watts

MOTOR CONSTANTS.

VOLTAGE.....Ke 27 V/1000 r.p.m  
TORQUE.....Kt 0.26 Nm/ Amp  
FRICTION.....Tf TBA Ncm  
RL - L..... 1.52 Ohm  
LL - L..... 3.23 mH

GENERAL ASSEMBLY DETAILS  
SEE DRG. 5310455

UNLESS SPECIFIED SHAFT CENTRES SHALL CONFORM TO BS.EN.ISO 6411-1997 TYPE A. CENTRE DRILL TO CONFORM TO ISO.866 ALL METRIC THREADS TO BE COARSE CLASS 6H OR 6g					PART MARKING INDELIBLY MARK ON PART No. WHERE MARKED		TOLERANCES UNLESS STATED		DIMENSIONS mm		UNLESS SPECIFIED ALL CHAMFERS & RADII 0.5 MAX. REMOVE BURRS & SHARP EDGES. DIMENSIONS APPLY AFTER PLATING		PRINTED MOTOR WORKS Ltd, ALTON, HAMPSHIRE. GU34 2QW. UK		
ISS.	DATE	CR No.	ZONE	INITIALS	DRAWN BY G. BELL	DATE 22/04/2013	0. ± 0.4 0.0 ± 0.1 0.00 ± 0.05 ANGULAR ± 0.5°	ESTIMATED MASS 2940.63	MATERIAL SEE NOTE			TITLE CUSTOMER OUTLINE IR9 WINCH			
05	30/04/2013	CR4199		GB	CHECKED BY RB	DATE 22/04/2013	SURFACE FINISH 1.6/	SCALE 1:2	FINISH SEE NOTE			DO NOT SCALE. IF IN DOUBT ASK. BS 8888	DRAWING NUMBER 009088	SHEET 1 OF 1	
					APPROVED BY	DATE									

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