

KEY SUPPLIED  
 5+0, -0,030 x  
 5+0, -0,030 x  
 20  
 OPTIONAL SHAFT SEAL  
 ø30xø19,8x5

300±50  
 [11.8±1.97]  
 (LENGTH NOT TO SCALE)

300±50  
 [11.8±1.97]  
 (LENGTH NOT TO SCALE)

ENCODER CONNECTOR  
 AMP 172171-1  
 AMP 770835-1 PIN CONTACTS

BRAKE CONNECTOR  
 AMP 172165-1  
 AMP 170359-1 PIN CONTACTS

PIN-OUT		
ENCODER CONNECTOR		
PIN	FUNCTION	COLOR
1-6	-	-
7	EPWR	RED
8	ECOM + BAT-	BROWN/BLACK + BLACK
9	SHIELD	BLACK SHRINK
10-11	-	-
12	SD+	BLUE
13	SD-	BLUE/BLACK
14	BAT+	BROWN
15	-	-

PIN-OUT		
POWER CONNECTOR		
PIN	FUNCTION	COLOR
1	U	RED
2	V	WHITE
3	W	BLACK
4	GROUND	YELLOW/GREEN

PIN-OUT		
BRAKE CONNECTOR		
PIN	FUNCTION	COLOR
1	BR+	YELLOW
2	BR-	BLUE

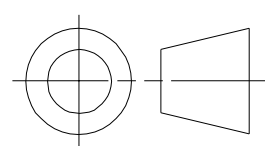
SPECIFICATIONS:

- MOTOR TYPE: 8 POLE, 3 PHASE, WYE WINDING, PERMANENT MAGNET ROTOR, TOTALLY ENCLOSED, NON VENTILATED.
- CONTINUOUS STALL TORQUE: 2.94 Nm (26 LB-IN) MAX AT 125°C WINDING TEMPERATURE, IN A 40°C AMBIENT, WHEN MOUNTED ON A 12 INCH SQUARE X 1/2 INCH THICK ALUMINUM HEAT SINK.
- OPERATING SPEED: 5000 RPM MAX.
- Ke: 42±10% V/KRPM 0-PEAK (PHASE TO PHASE) AT 20-30°C.
- SERIAL ENCODER, WITH 16 BIT MULTI-TURN AND 17 BIT SINGLE TURN ABSOLUTE POSITION DATA.
- BRAKE: 24VDC, 2.5 Nm (22 LB-IN) MAX HOLDING TORQUE. BRAKE RELEASES WHEN VOLTAGE APPLIED, EITHER POLARITY.
- FOR ADDITIONAL SPECIFICATIONS SEE TLA2540PBJ34AAESE.

ProE Version	Modified
0	0

DXF FILE AVAILABLE

01	1007016	SJ	RELEASED	-	-
REV	ECN	BY	REVISION DESCRIPTION	DATE	CHKR
UNLESS OTHERWISE SPECIFIED			DRAWN BY	DATE	DESIGN ENGR
DO NOT SCALE DRAWING			SJ	3-09-04	-
DIMENSIONS ARE IN MILLIMETERS					
WITH INCHES REFERENCED [x.x]					
UNTOLERANCED DIMENSIONS ARE REFERENCE			TL-A2540P-BJ34AA,ESM		
THIRD ANGLE PROJECTION					



PART NO.		
TLA2540PBJ34AAESM		
SCALE : 1	DWG SIZE	SHEET
0.500	B	1 OF 1