

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

SHAFT DETAIL (NO SCALE)

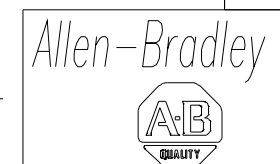
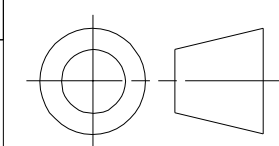
SPECIFICATIONS:

- MOTOR TYPE: 8 POLE, 3 PHASE, WYE WINDING, PERMANENT MAGNET ROTOR, TOTALLY ENCLOSED, NON VENTILATED.
- CONTINUOUS STALL TORQUE: 0.757 Nm (6.7 LB-IN) MAX AT 125°C WINDING TEMPERATURE, IN A 40°C AMBIENT, WHEN MOUNTED ON AN 10 INCH SQUARE X 1/4 INCH THICK ALUMINUM HEAT SINK.
- OPERATING SPEED: 5000 RPM MAX.
- Ke: 32 ±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, 1.24 Nm (11 LB-IN) MAX HOLDING TORQUE. BRAKE RELEASES WHEN VOLTAGE APPLIED, EITHER POLARITY.
- FOR ADDITIONAL SPECIFICATIONS SEE TLA220PBJ34AAESE.

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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			TL-A220P-BJ34AA,ESM		
WITH INCHES REFERENCED [X.X]					
UNTOLERANCED DIMENSIONS ARE REFERENCE					
THIRD ANGLE PROJECTION					

ProE Version	Modified
0	0

DXF FILE AVAILABLE



PART NO.		
TLA220PBJ34AAESM		
SCALE : 1	DWG SIZE	SHEET
0.500	B	1 OF 1