

SHAFT DETAIL (NO SCALE)

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)  
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 ENCODER CONNECTOR  
 AMP 172171-1  
 AMP 770835-1 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	-	-

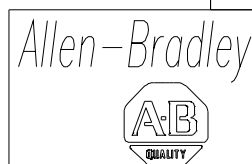
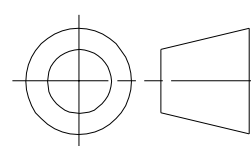
PIN-OUT		
POWER CONNECTOR		
PIN	FUNCTION	COLOR
1	U	RED
2	V	WHITE
3	W	BLACK
4	GROUND	YELLOW/GREEN

- 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.
  - FOR ADDITIONAL SPECIFICATIONS SEE TLA2540PBJ32AAESE.

POWER CONNECTOR  
 AMP 350779-1 HOUSING  
 AMP 350218-3 PIN CONTACTS (U,V,W)  
 AMP 350654-1 PIN CONTACT (GROUND)

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			TL-A2540P-BJ32AA,ESM		
WITH INCHES REFERENCED [X.X]					
UNTOLERANCED DIMENSIONS ARE REFERENCE					
THIRD ANGLE PROJECTION					

ProE Version 0 Modified 0  
 DXF FILE AVAILABLE



PART NO.  
 TLA2540PBJ32AAESM  
 SCALE : 1  
 0.500  
 DWG SIZE  
 B  
 SHEET  
 1 OF 1