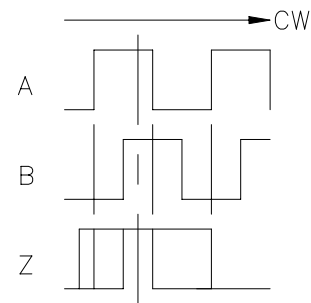
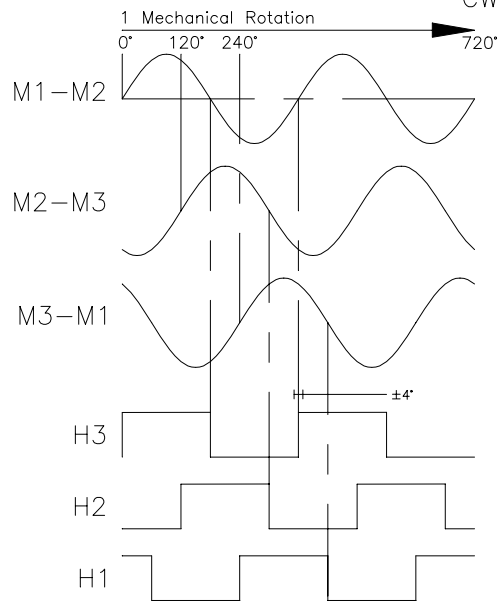


Clockwise rotation, viewed from the motor shaft, results in these waveforms.

Encoder Waveforms



Motor Waveforms



ENCODER CONN WIRING CODE	
FROM	TO PIN
OUTPUT B	1
OUTPUT B'	2
OUTPUT A	3
OUTPUT A'	4
OUTPUT Z	5
OUTPUT Z'	6
COMMON	7
+ 5 VDC	10
CASE GROUND	11
OUTPUT U (H3)	15
OUTPUT V (H2)	16
OUTPUT W (H1)	17

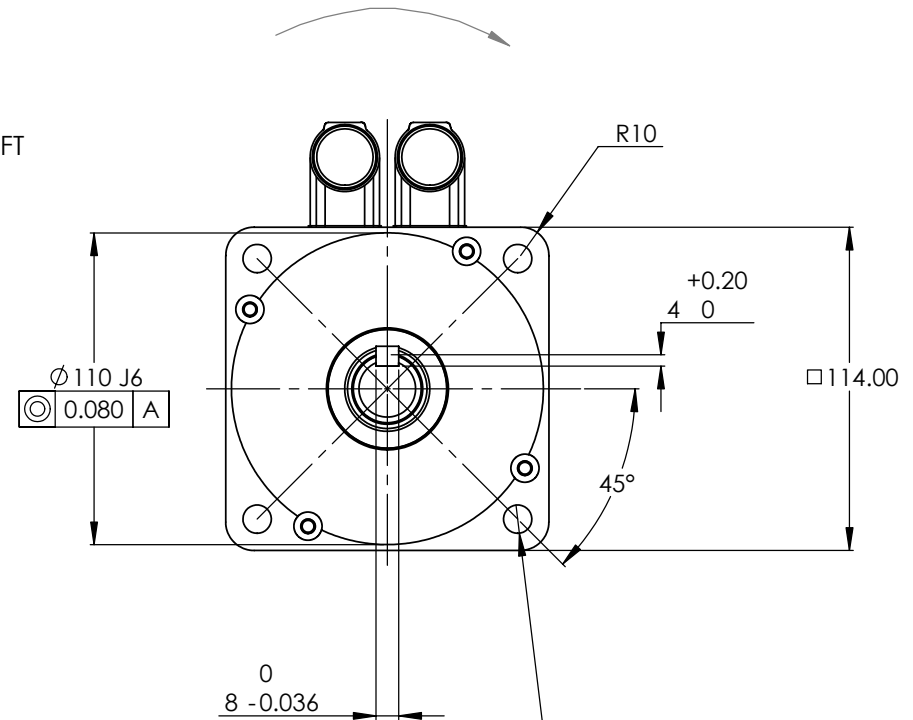
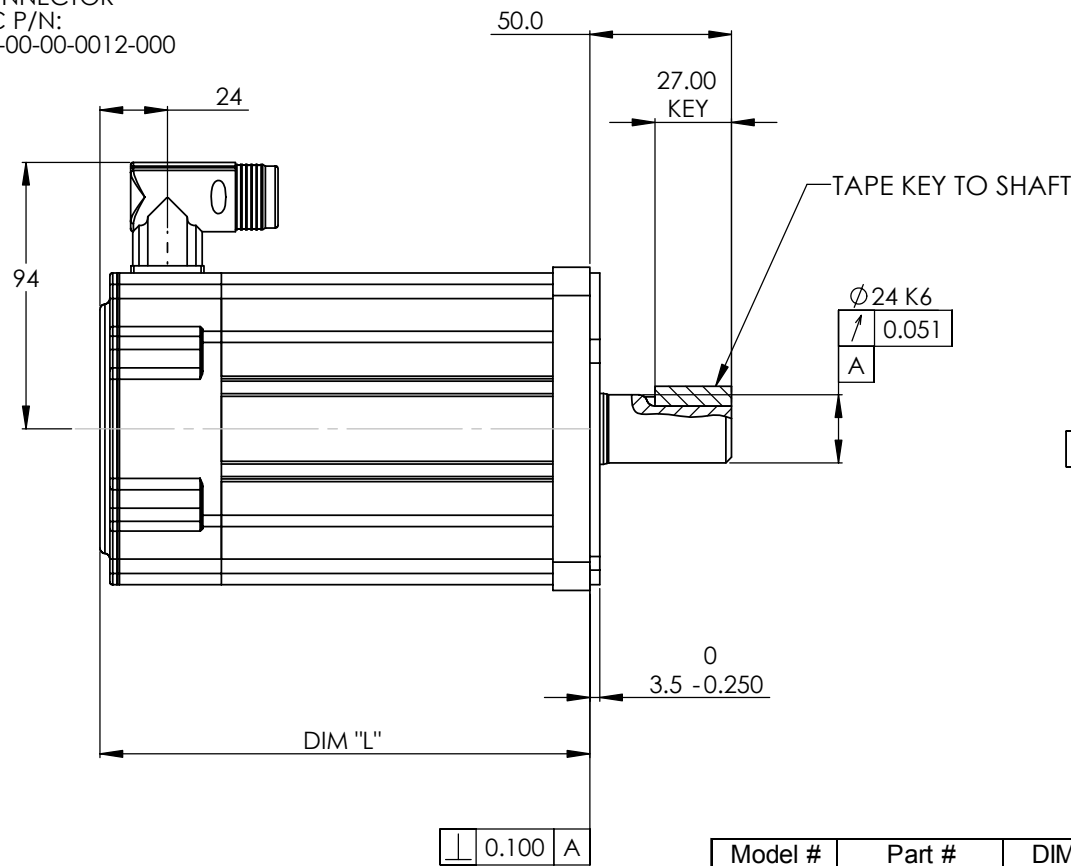
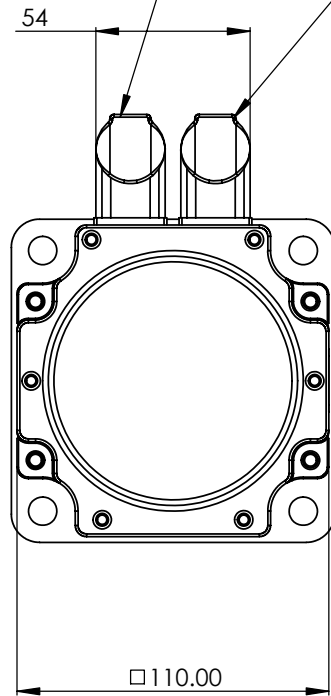
SHIELD IS NOT CONNECTED AT MOTOR END

MOTOR CONN. WIRING CODE	
FROM	TO PIN
MOTOR M1	1
MOTOR M3	3
MOTOR M2	4
CASE	⊥

REVISIONS				
REV	ECN	DESCRIPTION	DATE	APP'D
A	DR7963	RELEASED	9/9/05	T.M.
B	ECN2580	UPDATED DRAWING	12/6/05	T.M.
C	ECN2625	ENCODER WIRE CODE CHANGED	1/20/06	T.M.

MOTOR CONNECTOR
INTER CONTEC P/N:
BEDC-089-NN-00-00-0005-000

ENCODER CONNECTOR
INTER CONTEC P/N:
AEDC-113-NN-00-00-0012-000



Ø 10 THRU (4) HOLES
90° APART ON A Ø 130.00 B.C.

Model #	Part #	DIM "L"
T1101	32018-009	142
T1102	32018-010	173
T1103	32018-011	204
T1104	32018-012	235

NOTES:

1. ROTATION: CLOCKWISE MOTOR ROTATION VIEWING DRIVE END OCCURS WHEN PHASE A LEADS PHASE B, PHASE B LEADS PHASE C.

<p>NOTICE Information contained herein is the sole property of Cleveland Motion Controls, Torque Systems Division. This may not be reproduced, copied or traced in any manner in part or whole without the written permission of Cleveland Motion Controls, Torque Systems Division.</p> <p>THIRD ANGLE PROJECTION</p>	<p>MILLIMETERS (mm) TOLERANCES UNLESS OTHERWISE SPECIFIED</p> <table border="1"> <tr> <td>XX</td> <td>+/- 0.25</td> </tr> <tr> <td>XXX</td> <td>+/- 0.100</td> </tr> </table>	XX	+/- 0.25	XXX	+/- 0.100	<p>APPLICATION</p> <table border="1"> <tr> <td>NEXT ASSY</td> <td>USED ON</td> </tr> <tr> <td></td> <td>110 mm</td> </tr> </table>	NEXT ASSY	USED ON		110 mm	<p>CVC Cleveland Motion Controls An RPM Group Company Torque Systems Division</p> <p>110mm METRIC OUTLINE W/ENCODER & CONNECTORS</p>
	XX	+/- 0.25									
	XXX	+/- 0.100									
	NEXT ASSY	USED ON									
	110 mm										
<p>ANGLES</p> <table border="1"> <tr> <td>+</td> <td>0°-30°</td> </tr> </table>	+	0°-30°	<p>DRAWN</p> <table border="1"> <tr> <td>T. Metzger</td> <td>8/3/05</td> </tr> </table>	T. Metzger	8/3/05	<p>FILE</p> <table border="1"> <tr> <td>32018-009-012</td> <td>REV. C</td> </tr> </table>	32018-009-012	REV. C			
+	0°-30°										
T. Metzger	8/3/05										
32018-009-012	REV. C										
<p>MATERIAL</p> <table border="1"> <tr> <td>N/A</td> <td></td> </tr> </table>	N/A		<p>CHECKED</p> <table border="1"> <tr> <td>F.M.R.</td> <td>8/12/05</td> </tr> </table>	F.M.R.	8/12/05	<p>SCALE</p> <table border="1"> <tr> <td>1:1</td> <td></td> </tr> </table>	1:1				
N/A											
F.M.R.	8/12/05										
1:1											
<p>FINISH</p> <table border="1"> <tr> <td>N/A</td> <td></td> </tr> </table>	N/A		<p>APPROVED</p> <table border="1"> <tr> <td></td> <td></td> </tr> </table>			<p>SHEET 1 OF 1</p>					
N/A											

CAD GENERATED DRAWING.
DO NOT MANUALLY UPDATE.

CAD FILE: 32018-009-012.SLDPRW