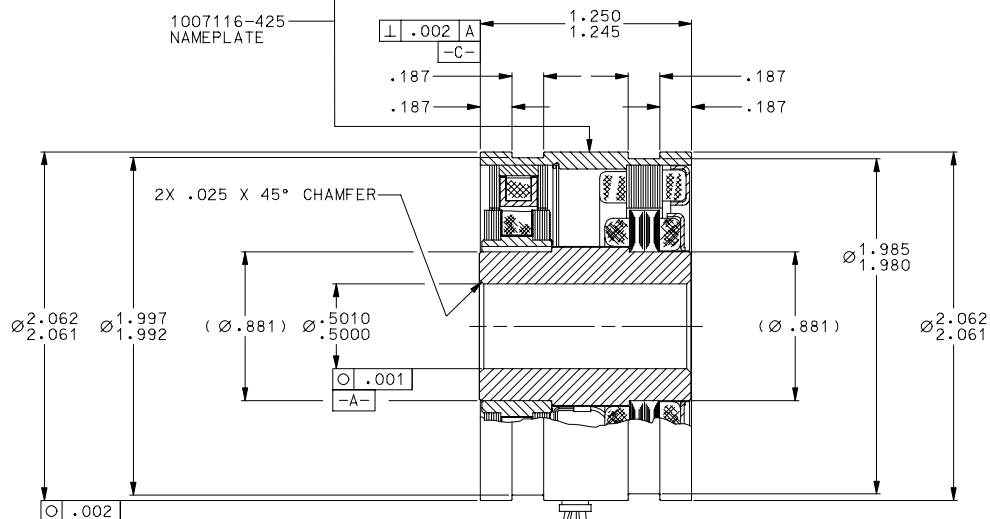
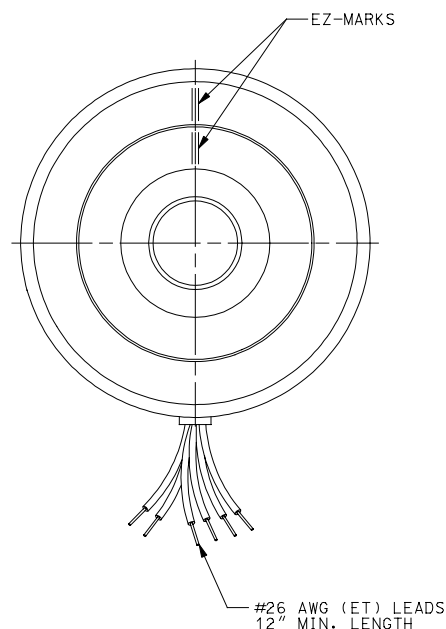


1. MATCHED SET - DO NOT ISSUE SEPARATELY.
2. RUNOUT MEASURED WITH UNIT MOUNTED.
3. ROTOR AND STATOR TO BE AXIALLY ALIGNED WITH C-C WITHIN .025.
4. MAX. ERROR FROM E-Z OF ± 10 MINUTES WHEN ROTOR IS MOUNTED ON SHAFT WHERE RUNOUT IS .003 F.I.R. AND MOUNTING CONCENTRICITY OF STATOR IS .004 F.I.R.

MECHANICAL DATA			ELECTRICAL DATA			3400 HZ
TEMPERATURE RANGE	°C	-55 TO+155	Input Voltage	Volts	4.0	
ROTOR MOMENT OF INERTIA	OZ-IN-SEC ²	.0028	Input Current	Max MA	28	
WEIGHT	OZ.	11	Input Power	Nom Watts	.05	
			Impedance ZS0	Ohms	110	+J205
			Impedance ZS5	Ohms	95	+J160
			Impedance ZR0	Ohms	80	+J145
			Impedance ZRS	Ohms	65	+J115
			Transformation Ratio	+10%	.50	
			Output Voltage	±10% Volts	2.0	
			DC Rotor Resistance	±15% Ohms	31	
			DC Stator Resistance	±15% Ohms	31	
			Sensitivity	MV/Deg	35	
			Max Error From E-Z	Minutes	+7	
			Phase Shift(Open Circuit)	Nom	0±5°	
			Null Voltage	Max MV	25	
			Hipot To Case	60HZ VRMS	500	
			Hipot Between Phases	60HZ VRMS	250	

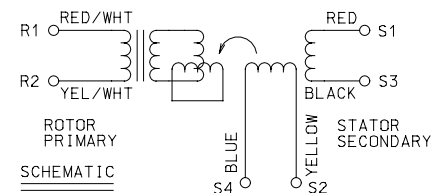
(B) DELTRAN PT - HAROWE ST. KITTS, WEST INDIES
HAROSYN-RCX 21BRXC-500-H7-01 S/N
ROTOR (IN) 4.0V. STATOR (OUT) 2.0V. 3400HZ



PHASING EQUATION

FOR CCW ROTATION AS VIEWED FROM
TRANSFORMER MOUNTING FLANGE END

(B)
$$\begin{aligned} E(S1-S3) &= KE(R1-R2) \cos \theta \\ E(S2-S4) &= -KE(R1-R2) \sin \theta \end{aligned}$$



FILENAME: 21BRCX-500-H7-01.SH1

THIS DRAWING HAS BEEN
CREATED BY CAD/CAM. DO NOT
MANUALLY REVISE OR UPDATE.

Tolerancing Complies With ANSI/ASME Y14.5M-1986

[illegible]

TOLERANCES UNLESS SPECIFIED	
DECIMAL .XXX	±.005
DECIMAL .XX	±.010
DECIMAL .X	±.030
FRACTION	±1/64
ANGLES	±30°
DRAWN D. HERRINGTON	
CHECKED DCH 6-1-98	
ENGR RKT 6-1-98	
APPROV MCP 12-16-98	
CODE IDENT NO. 58655	

Deltran PT – Harowe

PROPRIETARY RIGHTS OF DELTRAN PT-HAROME ARE INCLUDED IN THE INFORMATION DISCLOSED HEREIN. DO NOT DUPLICATE OR DISCLOSE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION OF DELTRAN PT.

OUTLINE & PERFORMANCE SPECIFICATION

RESOLVER BRUSHLESS FRAMELESS

SCALE 2:1	DWG. 21BRCX-500-H7-01 NO. SHEET 1 OF 2
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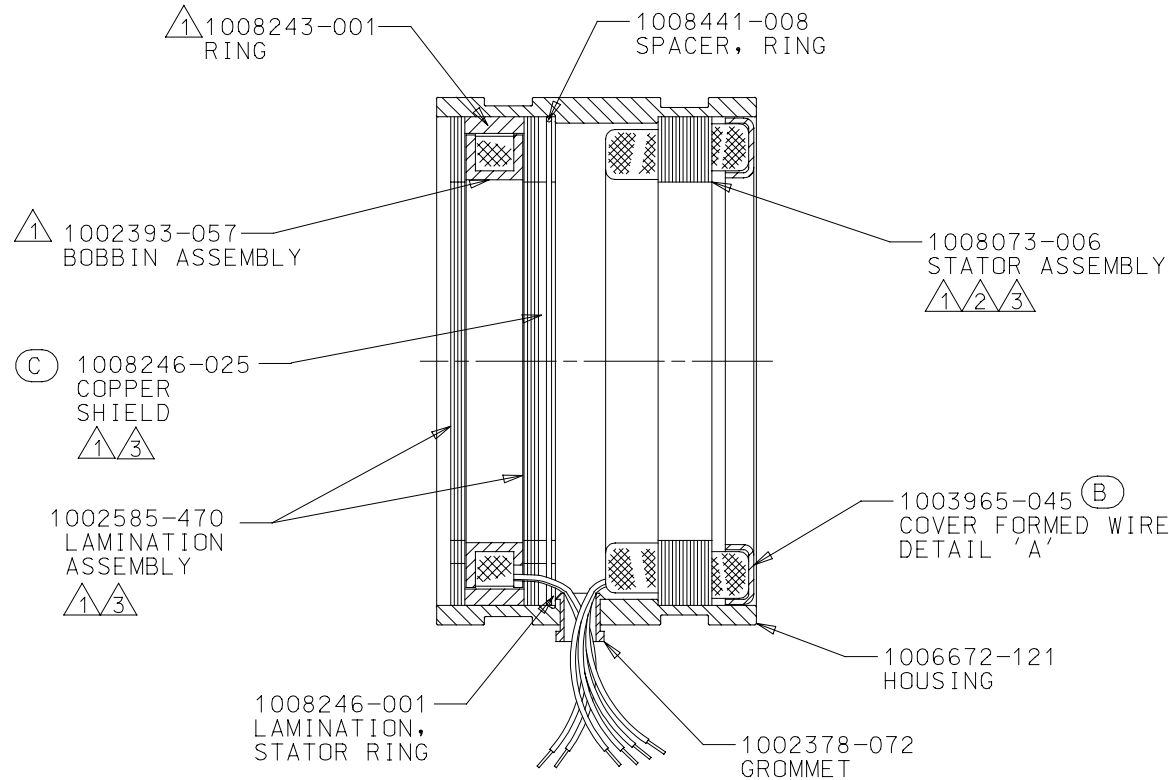
THIS DRAWING HAS BEEN
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Tolerancing Complies With ANSI/ASME Y14.5M-1986

[illegible]

NOTES: (B)

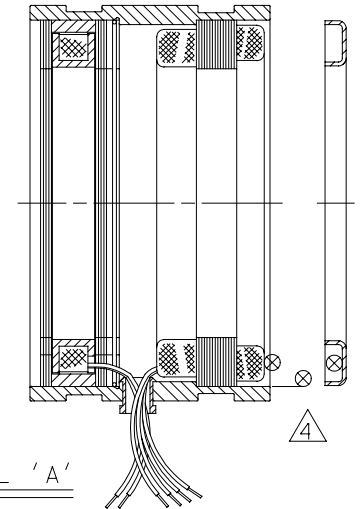
- 1 CEMENT IN PLACE USING 1000298-006 #826 ADHESIVE.
- 2 LEAD TIE-OFF POINT AT SLOT #8 TO ALIGN WITH CENTER OF GROMMET WITHIN $\pm 5^\circ$.
- 3 SEAT AGAINST SHOULDER IN HOUSING.
- 4 APPLY CEMENT TO SURFACES MARKED $\otimes$, USING 1000298-006 #826 ADHESIVE. (C)



ELECTRICAL INSPECTION DATA

STATOR D.C. RESISTANCE (OHMS) AT 20°C
26.4 TO 35.6 RED TO BLK
YEL TO BLU
STATOR HI-POT (V.A.C.)
500 RED AND BLU TO CASE
250 RED TO BLU

COIL ASS'Y D.C. RESISTANCE (OHMS) AT 20°C
27 TO 35 RED/WHT TO YEL/WHT
COIL ASS'Y HI-POT (V.A.C.)
500 ANY LEAD TO CASE



FILENAME: 08272006.DGN

THIS DRAWING HAS BEEN
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MANUALLY REVISE OR UPDATE.

Tolerancing Complies
With ANSI/ASME
Y14.5M-1986

CHG.	REVISIONS	DATE	APPR.	CHG.	REVISIONS	DATE	APPR.	CHG.	REVISIONS	DATE	APPR.

TOLERANCES
UNLESS SPECIFIED
DECIMAL .XXX $\pm$.005
DECIMAL .XX $\pm$.010
DECIMAL .X $\pm$.030
FRACTION $\frac{1}{64}$ $\pm$.030
ANGLES $\pm 30'$

DRAWN
D. HERRINGTON

CHECKED
DCH 3-14-95

ENGR
RKT 3-14-95

APPROV
DEH 3-20-95

CODE IDENT NO.
58655

Deltran PT - Harowe

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THIRD PARTIES WITHOUT WRITTEN PERMISSION OF DELTRAN PT.

NEXT ASSY	N/A	USED ON	21BRCX-500-H7
MATERIAL	NOTE #1	FINISH	N/A

HOUSING ASSEMBLY

SCALE	2:1	DWG. NO.	1008272-006	C
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	C
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NOTES:

1. A SPACE OF (3) CHARACTERS TO BE BETWEEN EACH SET OF DATA.

(B)

DELTRAN PT – HAROWE

ST. KITTS, WEST INDIES

HAROSYN-RCX

21BRCX-500-H7-01

S/N

ROTOR (IN) 4.0V.

STATOR (OUT) 2.0V.

3400HZ

FILENAME: 07116425.DGN

Tolerancing Complies With ANSI/ASME Y14.5M-1986								TOLERANCES UNLESS SPECIFIED DECIMAL .XXX ±.005 DECIMAL .XX ±.010 DECIMAL .X ±.030 FRACTION ±1/64 ANGLES ±0° 30'		Deltran PT – Harowe				
THIS DRAWING HAS BEEN CREATED BY CAD/CAM. DO NOT MANUALLY REVISE OR UPDATE.									DRAWN D.HERRINGTON	PROPRIETARY RIGHTS OF DELTRAN PT-HAROWE ARE INCLUDED IN THE INFORMATION DISCLOSED HEREIN. DO NOT DUPLICATE OR DISCLOSE TO THIRD PARTIES WITHOUT WRITTEN PERMISSION OF DELTRAN PT.				
									CHECKED DCH 6-1-98	NEXT ASSY A/R		USED ON 21BRCX-500-H7-01		
									ENGR RKT 6-1-98	MATERIAL 1006889-010		FINISH N/A		
				B	ECO#D5861	4/02	RKT		APPROV MCP 12-16-98	NAMEPLATE (COMPUTER PRINTED LABEL)				
				A	ECO#15620	5/98	RKT		CODE IDENT NO. 58655	SCALE 2:1		DWG. NO. 1007116-425		B
CHG.	REVISIONS		DATE	APPR.	CHG.	REVISIONS		DATE	APPR.					