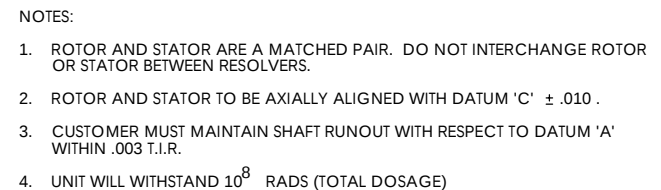
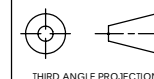


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	CHECKED
-		NEW DRAWING	8/19/04	DDK	DRW



ELECTRICAL & MECHANICAL DATA AT 25°C			
VALUES ARE REFERENCE UNLESS OTHERWISE TOLERANCED			
HI POT TESTING PERFORMED AT 60HZ, 4 SECOND DURATION			
ELEC CYC / MECH CYC	deg/deg	1	
EXCITATION FREQUENCY	±5% kHz	5	2
INPUT VOLTAGE	±10% Vrms	4.0	
INPUT CURRENT	Max. mAmps	33	60
INPUT POWER	Watts	0.08	0.17
IMPEDANCE ZRO	Ohms	136	76
IMPEDANCE ZRS	Ohms	122	74
IMPEDANCE ZSO	Ohms	357	200
IMPEDANCE ZSS	Ohms	312	190
TRANSFORMATION RATIO	±10%	0.50	0.50
DC RESISTANCE (R1-R2)	±15% Ohms	31	
DC RESISTANCE (S1-S3, S2-S4)	±15% Ohms	83	
ERROR	Max. arcminutes	±20	±20
PK-PK VELOCITY RIPPLE ERROR	Max. %	-	-
PHASE SHIFT, OPEN CIRCUIT	degrees	+7°	+35°
NULL VOLTAGE	Max. mVrms	20	
HIPOT, LEADS TO CASE, 500VAC	Max. mAmps	10	
HIPOT, INTERPHASE, 250VAC	Max. mAmps	10	
TEMPERATURE RANGE	°C	-55 TO +155	
ROTOR MOMENT OF INERTIA	oz-in-sec ²	3.1 X 10 ⁻⁵	
WEIGHT	oz/g	1.3/37	
CONTINUOUS SPEED	Max. kRPM	20	

SCHEMATIC



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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
DIAMETERS CONCENTRIC .003
FACES PERPENDICULAR .003
INTERPRETATION PER ASME
Y14.5M-1994

63 ✓ MACHINE SURFACES

FRACTIONS	DECIMALS	AN
$\pm 1/64$	.00 $\pm$.01	:

	.000 ±.005
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HEAT TREAT	
-	

FINISH

TABLE 1

REMOVE ALL BURRS AND BREAK
SHARP EDGES - .005/.010
ALL INSIDE CORNERS TO BE .015 R
MAX UNLESS OTHERWISE SPECIFIED

APPROVALS	DATE
DRAMB	

DRAWN DDK	8/19/04
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CHECKED	8/25/04
DRW	

DES ENG	
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DRW	8/25/04
MFG ENG	

	0	0

QUAL ENG	-	-
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DANAHER
INDUSTRIAL CONTROLS

OUTLINE & PERFORMANCE SPECIFICATION

RESOLVER BRUSHLESS

SIZE	DWG. NO.
R	10BRCX-401-B2T

SCALE	3:1	SHEET 1 OF 2	CODE IDENT: 58655
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A horizontal number line is shown with tick marks at 0, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and 1. The segment between $\frac{1}{4}$ and $\frac{1}{2}$ is shaded gray.