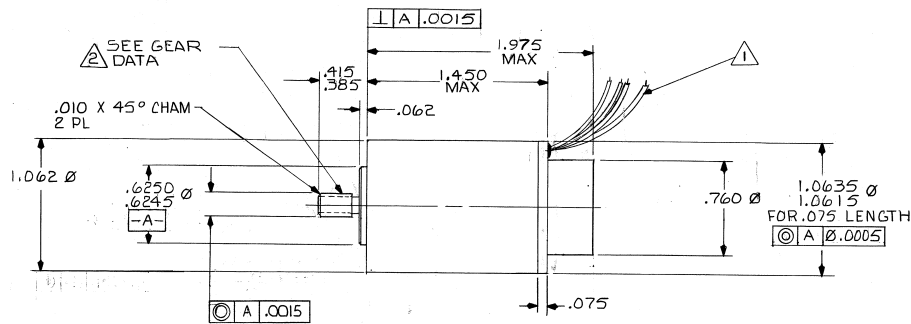


GEAR DATA	
AGMA CLASS 390.01	13D
TOOTH TO TOOTH COMPOSITE ERROR	.0003
TOTAL COMPOSITE ERROR	.0004
NO OF TEETH	20
DIAMETRAL PITCH	120
PRESSURE ANGLE	20°
PITCH DIA	(.1666)
WHOLE TOOTH DEPTH	.0203
MEASUREMENT OVER TWO .0144 Ø WIRES	.1866
MAJOR DIA	.1833 Ø
BACKLASH	
TEST RADIUS	
FINISH ON ACTIVE PROFILE	
CHECKING PRESSURE	4 OZ
HARDNESS, Rc	40-45



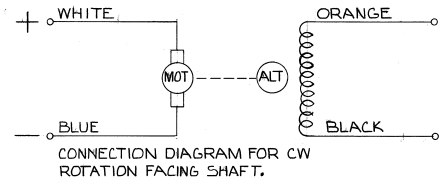
REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED
NC		PRODUCTION RELEASE	4/23/81	KWS
A		REV PER ECO 33747	12-21-82	KWS
B		REV PER E.C.O. 34008	M.G. 3/16/89	R.H.
C		REV PER ECO 34370	5/2/86	Th.B.

**GENERAL DATA**  
 UNIT WEIGHT (OZ MAX) ----- 4.5  
 OPERATING TEMP RANGE (DEGREES C) ----- 55 TO 150

MOTOR PERFORMANCE CHART @ 25° ± 5° C AMBIENT									
VDC	TORQUE, IN-OZ			RPM			AMPS		
	MIN	NOM	MAX	MIN	NOM	MAX	NOM	MAX	
32	NO LOAD					12,900	.100	.120	
32		.30						.250	
24		.30		6600					
24	1.60			STALL					

ALTERNATOR PERFORMANCE @ 25° ± 5° C AMBIENT

PHASES ----- 1.0  
 LOAD (PURE RESISTIVE OHMS MIN) ----- 10,000  
 FREQUENCY (CYCLES PER REVOLUTION) ----- 1.0  
 OUTPUT VOLTAGE AT 12900 RPM VOLTS P-P ----- 27-34 V P-P  
 OPEN CIRCUIT } 6600 RPM VOLTS P-P ----- 13-19 V P-P  
 TOTAL HARMONIC DISTORTION ----- 1.5% MAX



- △ DIMENSIONS SHOWN APPLY PRIOR TO LUBRICATION PER NOTE △.
- 4. WINDING INSULATION: CLASS H (180° C).
- 3. THE UNIT SHALL BE CAPABLE OF MEETING THE REQUIREMENT OF THIS SPECIFICATION WHILE IMMersed IN A RADIAL MAGNETIC FIELD OF 500 GAUSS.
- △ PINION IS MICROSEAL COATED NO. 100-1.
- △ LEADS: MOTOR 26 AWG PER MIL-W-16878/4 12" MIN LONG.  
 GENERATOR 28 AWG PER MIL-W-16878/4 12" MIN LONG.

NOTES: UNLESS OTHERWISE SPECIFIED

QTY RECD	SYM	NOMENCLATURE OR DESCRIPTION	CODE IDENT NO.	PART OR IDENTIFYING NO.	SPECIFICATION	MATERIAL OR NOTE	ZONE	ITEM NO.
LIST OF MATERIAL								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				DRAWN DBG 6/20/81		AEI AMERICAN ELECTRONICS, INC. 1600 E. VALENCIA DRIVE, FULLERTON, CALIF.		
TOLERANCES: FRACTIONS DECIMALS ANGLES				CHECK RMC 6/25/81		TITLE		
± .xx ± .01 ± 0°30'				ENGINEER [Signature] 6/25/81		DC MOTOR - ALTERNATOR		
± .xxx ± .005				APPROVED [Signature] 6/24/81				
63 ALL MACHINED SURFACES REF. USAS B46.1				APPROVED [Signature] 7/20/81				
MATERIAL:				APPROVED [Signature] 6/29/81				
NEXT ASSY		USED ON		FINISH:		SIZE CODE IDENT NO. DWG NO.		REV
11DK2						D 89321 11DK2		C
APPLICATION		QTY RECD		APPROVED		SCALE 2/1		SHEET 1 OF 1

SIMILAR TO REPLACER 0110TF W/ 59.0567-A1