

SPECIFICATIONS

ELECTRICAL

SEE DRAWING 6915-1002-070

MECHANICAL

THIS IS A PARTS KIT CONSISTING OF ELEMENT ASSEMBLY, ROTOR ASSEMBLY, AND SHAFT INSULATOR AS SHOWN IN THE EXPLODED VIEW AT RIGHT.

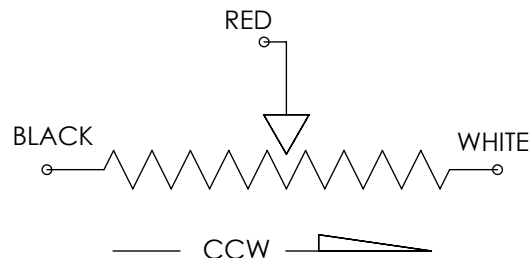
ENVIRONMENTAL

ROTATIONAL LIFE: 10 MILLION REVOLUTIONS MINIMUM
 OPERATING TEMPERATURE: -65°C TO +125°C
 ALL OTHER ELECTRICAL AND MECHANICAL SPECIFICATIONS PER MIL-PRF-39023

MATERIALS

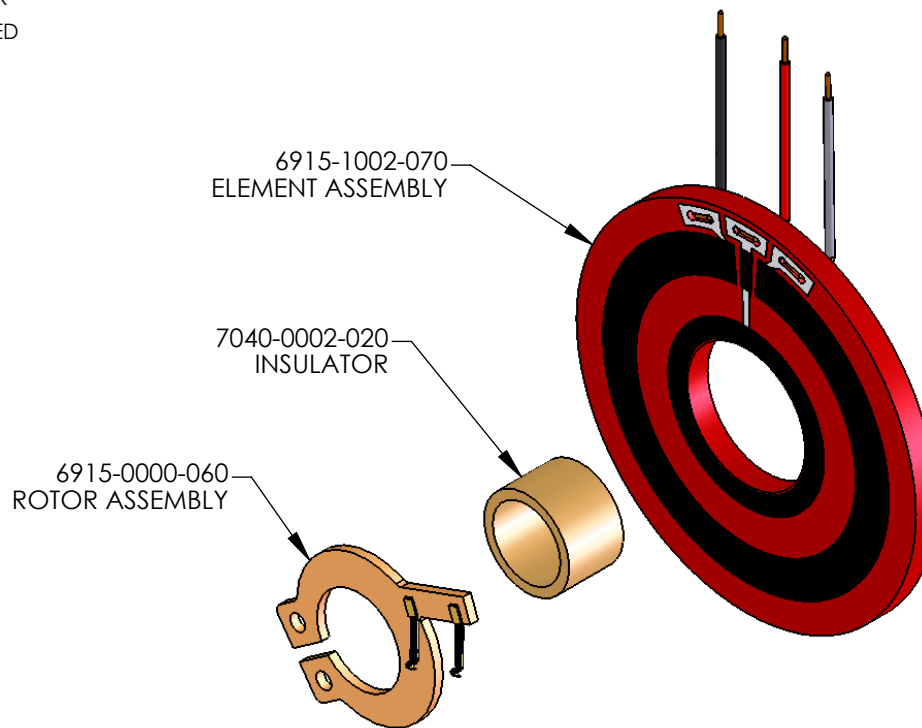
ROTOR: BERYLLIUM COPPER
 CONTACTS: PRECIOUS METAL
 ELEMENT: CO-MOLDED CONDUCTIVE PLASTIC
 LEAD WIRES: #30 AWG TYPE ET PER MIL-W-22759/22,
 COLOR CODED PER SCHEMATIC
 INSULATOR: RESDEL PLASTIC

SCHEMATIC




INCREASING FUNCTION VIEWED FROM FRONT ELEMENT FACE

CHANGE HISTORY				
REV	DESCRIPTION	DATE	DRAWN	APPROVED
A0	RELEASE	10/18/05	-	-
A1	ECN 5570	8/27/15	JDD	KJS



NOTE: PARTS SHOWN ARE SHIPPED INDIVIDUALLY AND PACKAGED UNASSEMBLED.

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	DRAWN	DAO		10/17/05
	CHECKED			
	ENG APPR.	RFP		10/18/05
		MFG APPR.		
		Q.A.		
DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR $\pm 2^\circ$ TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$ FOUR PLACE DECIMAL $\pm .0005$		MATERIAL NOTED		Information in this box is for Engineering Reference Only
		FINISH NOTED		
		DO NOT SCALE DRAWING		



**POTENTIOMETER
ELEMENT/ROTOR KIT**

CAGE CODE 5W885 DWG. NO. 6915-1002-030

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