

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.

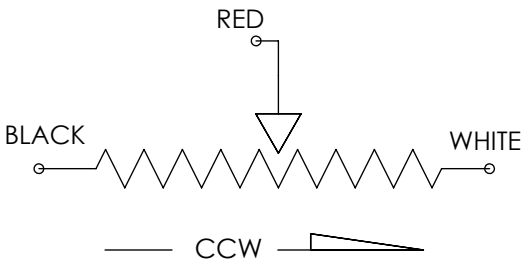
ENVIRONMENTAL

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

MATERIALS

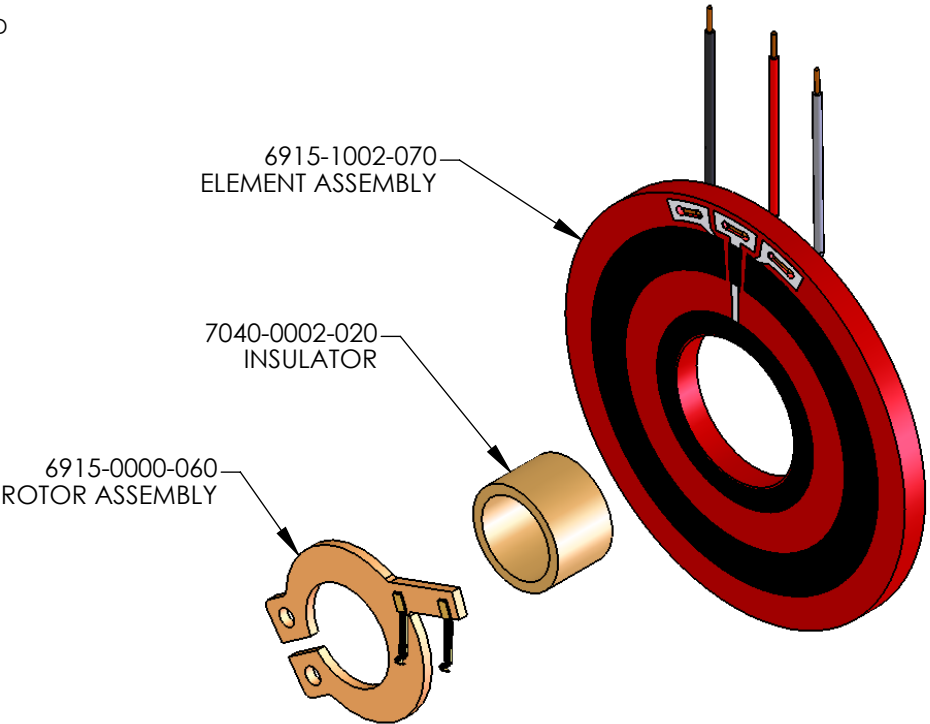
ROTOR: BERYLLIUM COPPER
CONTACTS: PRECIOUS METAL
ELEMENT: CO-MOLDED CONDUCTIVE PLASTIC
LEAD WIRES: #30 AWG TYPE ET PER MIL-W-22759/22,
COLOR CODED PER SCHEMATIC
INSULATOR: RESDEL PLASTIC

SCHEMATIC



INCREASING FUNCTION VIEWED FROM FRONT ELEMENT FACE

NOTE: PARTS SHOWN ARE SHIPPED INDIVIDUALLY AND PACKAGED UNASSEMBLED.



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

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			DRAWN	DAO	10/17/05
			CHECKED		
			ENG APPR.	RFP	10/18/05
			MFG APPR.		
DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR ±2° TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005 FOUR PLACE DECIMAL ±.0005	MATERIAL	NOTED	Information in this box is for Engineering Reference Only		
	FINISH	NOTED			
	DO NOT SCALE DRAWING				
					
			POTENTIOMETER ELEMENT/ROTOR KIT		
			CAGE CODE	DWG. NO.	
			5W885	6915-1002-030	
			SHEET 1 OF 1		