SPECIFICATIONS	CUSTOMER:		N/A			CHANGE HISTORY				
	CUSTOMER DWG/REV	N/A	N/A		REV	DESCRIPTION	DATE	DRAWN	APPROV'D	
		,,,	,,,		A	RELEASE	10/12/92		DARB	
RESISTANCE: $5K\Omega \pm 10\%$ ELECTRICAL ANGLE: $350^{\circ} \pm 1^{\circ}$					BO	ECN 2386-SSC	11/4/09	JDD	PDC	
CONTINUITY ANGLE: 357°MIN			-							
LINEARITY: INDEPENDENT, ± 0.5%										
MINIMUM VOLTAGE: 0.1% MAX										
RESOLUTION: VIRTUALLY INFINITE										
OUTPUT SMOOTHNESS: 0.1% MAX										
RESISTANCE TEMPERATURE COEFFICIENT: 400 PPM/°C MA POWER RATING: 2.0 WATT MAX @ 70°C,	۸Ă		D I		<u> </u>	(05) 000				
DERATED TO 0.0 WATT @ 125°C						.625±.032	I			
WIPER CONTACT CURRENT: 10 MILLIAMPS MAX				-		— — .750 M	AX 🗲			
DIELECTRIC STRENGTH: 1000VRMS @ 60 Hz						062 -				
INSULATION RESISTANCE: 100 MEG OHMS @ 500 VDC	15°	L								
MECHANICAL						093 -				
ROTATION: CONTINUOUS 360°	15°				•	072 — 🗕 🗲	.			
WEIGHT, (1 GANG): 0.6 OZ MAX		P	1.195							
MECH BACKLASH: <0.1°	<u>ُہ</u> ا		MAX			🛓				
START TORQUE: 0.5 OZ-IN MAX, RUNNING TORQUE: 0.5 OZ-IN MAX		~~. /	-				न्न			
PILOT RUNOUT: 0.001 T.I.R.		\nearrow	A A							
SHAFT RUNOUT: 0.001 T.I.R.		\mathcal{N}	T	T						
SHAFT END PLAY: 0.003 MAX		\mathcal{N}								
SHAFT RADIAL PLAY: 0.001 T.I.R.	// \\/	//	Ø 1.8750 ^{+.0} 0							
LATERAL RUNOUT: 0.002 T.I.R.		//				▼ _]				
ENVIRONMENTAL		11	Ø2.000	Ø1.86	5		\parallel			
OPERATING TEMPERATURE: -65°C TO +125°C		11			L	<u> </u>				
ROTATIONAL LIFE: 50 MILLION CYCLES MIN										
DITHER LIFE: 50 MILLION CYCLES @ 60HZ OVER 5°	//				+ 000	יין און און און און און און און און און או				
SHOCK: SAWTOOTH 100G PEAK PER MIL-STD-202 METHOD 213, TEST CONDITION I				¢	Ø.2497 ^{+.000} 000) ₃ -				
VIBRATION: HIGH FREQ; SWEPT 10 - 2000HZ, 15G PEAK		//	↓	L I	.00	·				
PER MIL-STD-202 TEST CONDITION B						<u> </u>				
MATERIALS										
HOUSING AND COVER: ANODIZED ALUMINUM										
SHAFT: PASSIVATED CENTERLESS GROUND SST										
BEARINGS: PRECISION BALL										
ROTOR: BERYLLIUM COPPER										
CONTACTS: MULTI-FINGER PRECIOUS METAL ELEMENT: CO-MOLDED CONDUCTIVE PLASTIC										
TERMINALS: GOLD PLATED BRASS										
UNLESS OTHERWISE SPECIFIED;		Г	I	I	NALIT			0.0.000		
ALL ELECTRICAL, MECHANICAL, AND ENVIRONMENTAL SPECIFICATIONS ARE IAW MIL-PRF-39023			DIMENSIONS ARE IN INCHES TOLERANCES:	DRAWN D	NAME . TREE					
5. EGHTS, MOTO/ WE PATT MIET N -57025			ANGULAR±2°	CHECKED	. IKEE	10/12/92 GRAS	SS VALLEY, C		IA	
ل م			TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005	ENG APPR.		──				
	PROPRIETARY AND	CONFIDENTIAL	FOUR PLACE DECIMAL ± .0005	MFG APPR.		ידרם 🖯				
	THE INFORMATION CON	ITAINED IN THIS	MATERIAL	Q.A.			ENTIC	ЛМЕ	IEK	
	DRAWING IS THE SOLE P SPECTRUM SENSORS & C	CONTROLS, INC	NOTED		n in this box is f					
	ANY REPRODUCTION IN WHOLE WITHOUT THE W	PART OR AS A	INISH	Engineering	g Reference O	SIZE CAGE CODE	WG. NO.			
	OF SPECTRUM SENSORS					A 5W885	602	0-1002	-030	
INCREASING FUNCTION VIEWED FROM SHAFT END	D IS PROHIBITED.		DO NOT SCALE DRAWING				_	S	HEET 1 OF 1	