			REVISION	
REF. NO: MPCL DWG A-MPE-B72	C.O.N	SYM	DESCRIPTION	DATE DRAWN APPR'D
GENERAL: MODEL CP-2F-xxS-RB IS A MULTI-TURN POTENTIOMETER, DESIGNED WITH A CONDUCTIVE PLASTIC RESISTIVE ELEMENT AND PRECISION ANTI-BACKLASH WORM GEARS IN A COMPACT PACKAGE, OFFERING RELIABLE WIDE ANGLE POSITION SENSING SOLUTIONS. ELECTRICAL CHARACTERISTICS: ELECTRICAL TRAVEL: SEE TABLE 1 TOTAL RESISTANCE: 0.5, 1, 2, 5, 10 KOHMS ±20% LINEARITY (INDEPENDENT): ±1.1% REPEATABILITY: ^(M) 0.5% MAX. (INCLUDING BACKLASH) OUTPUT SMOOTHNESS: 0.1% MAX. OUTPUT SMOOTHNESS: 0.1% MAX. POWER RATING: ^(M) 0.5 WATTS @50 °C INSULATION RESISTANCE : 100 meg OHMS MIN. @1,000 Vdc DIELECTRIC STRENGTH: 1,000 Vrms @50/60 Hz for 1 MINUTE MECHANICAL TRAVEL: CONTINUOUS GEAR RATIO: SEE TABLE 1 TORQUE: 4 mN-M (0.56 in-oz) MAX.			(1) WAS CP-10SRB. (2) ADDED TABLE 1 TO INCLUDE 5 MODEL SPE VARIATIONS. (3) WAS 0.1% MAX. (4) WAS 1 WATT@70°C.	
WEIGHT: SEE TABLE 1 LIFE: SEE TABLE 1 $(X10^6$ SHAFT REVOLUTIONS MIN.) TABEL 1 [®] MODEL NO. CP-2F-5S-RB CP-2F-10S-RB CP-2F-24S-RB CP-2F-35S-RB CP-2F-50S-RB ELECTRICAL 1,700 ±10° 3,400 ±20° 8,160 ±48° 11,900 ±70° 17,000±100° GEAR RATIO 5 : 1 10 : 1 24 : 1 35 : 1 50 : 1 LIFE 10 20 48 70 100 ENVIRONMENTAL SPECIFICATIONS: OPERATING TEMPERATURE: -40°C to +120°C VIBRATIONS: 15 Gs, 2,000 Hz SHOCK: 50Gs, 11 mS	FIGUR		SHAFT PC	AL TRAVEL
UNLESS OTHERWIS SPECIFIED, DIMENSIO ARE IN mm(in). TOLERANCES: ANGLES ±1.5°	NS CHECK	Jgawa Ed Kamur/	DATE FOR	Midori America Corporation
<10 mm: ±0.25 <100 mm: ±0.5 >100 mm: ±1	APPRO		DATE (WITH GEAR HEAD)	A-MAC-B81 A
	SCAL	.E:	FILE: CP-2F-xxSRB	1 OF 1