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 6517246
 Htn: W1
 from: Midori America Corp. 8/23/10

10733		REF. NO:		REVISION	
GENERAL:		C.O.N		SYM	
MODEL CP-3FB IS ø36.5mm (1.44") CASE, ø6mm (0.236) SHAFT, PANEL MOUNT TYPE, PRECISION CONDUCTIVE PLASTIC POTENTIOMETER. ITS SUPERB QUALITY, RELIABILITY AND PERFORMANCE MAKE CP-3FB SUITABLE FOR PRECISION POSITION SENSING APPLICATIONS.		A		DESCRIPTION	
		1) ±0.5%, ±0.2% ADDED. (2) WAS 2 WATTS@70°C.		DATE	
				DRAWN	
				APPRD	
				TSUGAWA	

ELECTRICAL SPECIFICATIONS:

ELECTRICAL ANGLE: 340°

TOTAL RESISTANCE: 0.5, 1, 2, 5, 10K OHMS

TOTAL RESISTANCE TOLERANCE: ±20%

LINEARITY (INDEPENDENT): ±1% (±0.5%, ±0.2%, ±0.15% AVAILABLE) ⁽¹⁾

REPEATABILITY: 0.003% ⁽²⁾

POWER RATING: 1.5 WATTS@70°C.

INSULATION RESISTANCE: 100 meg OHMS MIN. @ 1,000 Vdc

DIELECTRIC STRENGTH: 1,000 Vrms @ 50/60 Hz, for 1 MINUTE

MECHANICAL SPECIFICATIONS:

MECHANICAL ANGLE: 360°

TORQUE: 14 g-cm MAX. (0.2 oz-in MAX.)

WEIGHT: APPROX. 40 g (1.4 oz)

LIFE: 10 MILLION CYCLES MIN.

ENVIRONMENTAL SPECIFICATIONS:

OPERATING TEMPERATURE: -40°C to +120°C

VIBRATIONS: 15 Gs, 2,000 Hz

SHOCK: 50Gs, 11 ms

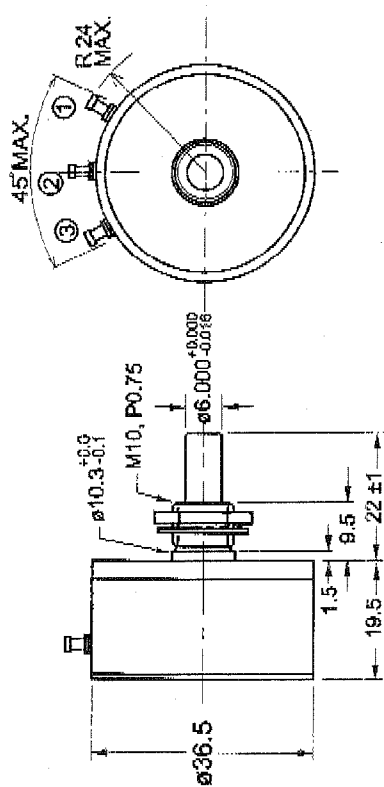


FIGURE 1 OUTLINE DIMENSION

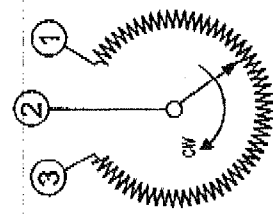


FIGURE 2 WIRING DIAGRAM

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN mm(IN).		SPECIFICATION DWG		Midori America Corporation	
TOLERANCES:		FOR		A-MAC-C04	
ANGLES		MODEL CP-3FB		A	
<10 mm: ±0.6		POTENTIOMETER		1 OF 1	
<100 mm: ±0.6		FILE: CP-3FB			
>100 mm: ±1					
SCALE:					
DRAWN		DATE			
T. TSUGAWA		3/21/97			
CHECKED		DATE			
APPROVED		DATE			
APPROVED		DATE			