







CIRCUIT

SPECIFICATIONS

ELECTRICAL:

RESISTANCE: R1 & R2 = 10K OHMS (SHORT SHAFT) R3 & R4 = 1K OHMS (LONG SHAFT)

RESISTANCE TOLERANCE: $\pm 20\%$ TAPER: R1 & R2 = "B" LINEAR TAPER R3 & R4 = "A" AUDIO TAPER

R1 & R2 ARE CONTROLLED BY OUTER SHAFT (SHORT) R3 & R4 ARE CONTROLLED BY INNER SHAFT (LONG)

POWER RATING: 0.05W
RESIDUAL RESISTANCE: 20 OHMS MAX. DIELECTRIC STRENGTH: 300 VAC / 60 SEC. ELECTRICAL ROTATION: 260°±5°

MECHANICAL:

MECHANICAL ROTATION: 300°

DETENTS: CENTER DETENT FOR THE OUTER (SHORT) SHAFT ONLY

DETENT TORQUE: 0.7 TO 2.5 OZ-IN

RUNNING TORQUE: OUTER SHAFT: 0.7 TO 1.25 OZ-IN INNER SHAFT TORQUE TO BE 0.2 TO 0.4 OZ-IN LESS THAN OUTE

REMOVE ANTI-ROTATION LUG

ENVIRONMENTAL

OPERATING TEMP: -10°C to +70°C LOAD LIFE: 100,000 CYCLES RoHS COMPLIANT

MARKING: P094C-089A AND DATE CODE

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ER SHAFT.	1	30988	5.9.13	JV		JV
	ISS	ECN NO	DATE	BY	CHKD	APP

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES			
≤ 10 =±0.3 11-99 =±0.5 100 or > =±0.8 ANGULAR =±5*	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF BI TECHNOLOGIES CORPORATION AND IS SUBJECT TO THE CONDITION THAT THE INFORMATION BE RETAINED IN CONFIDENCE, NOT TO BE REPRODUCED IN WHOLE OR IN PART, AND NOT BE USED OR INCORPORATED IN ANY PRODUCT WITHOUT EXPRESS WRITTEN AGREEMENT BY BI TECHNOLOGIES CORPORATION.		
JV 5-8-13	DWG NAME: PANEL POT		
APPD DATE	2/1 DWG ND. P094C-089A		