

HONEYWELL PART NUMBER
-

SPECIFICATION SHEET 50BFA103-00

NEI PT.NO. 50BFA103

ELECTRICAL PARAMETERS

RESISTANCE : 10,000Ω ± 10%

LINEARITY : ±1.0% IND.

ELEC. TRAVEL : 295 (MIN)

ELEC. OVER TRAVEL: 5°MIN EACH END

CONTINUITY TRAVEL : ELECTRICAL
TRAVEL+ELECTRICAL OVERTRAVEL

INSULATION
RESISTANCE : 1000 MEG Ω MINIMUM @500VDC

OUTPUT SMOOTHNESS : 0.2%

DIELECTRIC WITH-
STANDING VOLTAGE : 750 VOLTS RMS

END VOLTAGE : 0.01% MIN; 1.64% MAX

NO. OF SECTIONS

MECHANICAL PARAMETERS

MECHANICAL TRAVEL: 360° CONTINUOUS

STARTING TORQUE/FORCE : 0.8 OZ-IN.MAX.

RUNNING TORQUE/FORCE : 0.8 OZ-IN.MAX.

LATERAL RUNOUT :

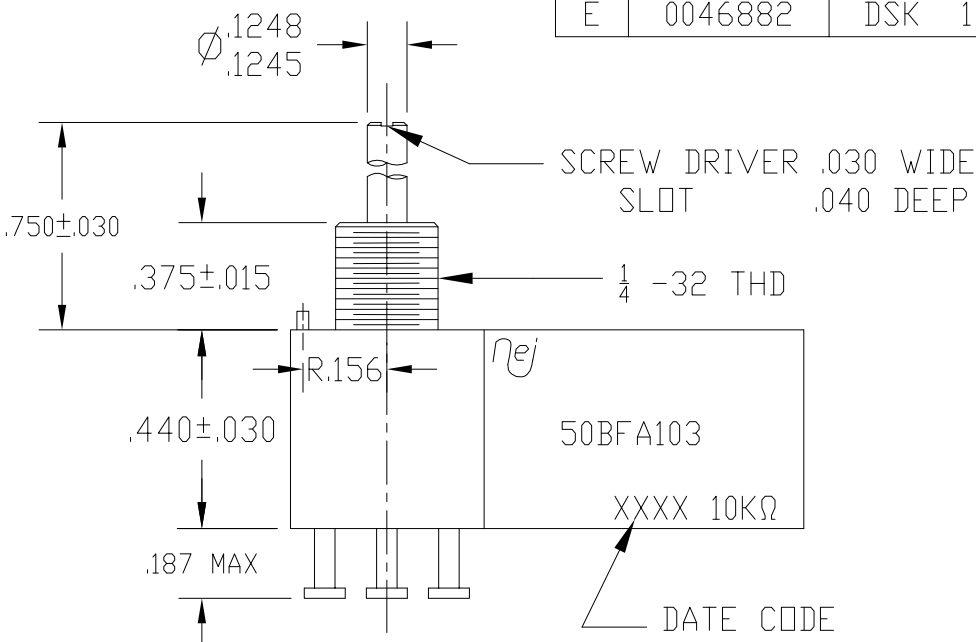
PILOT RUNOUT :

SHAFT RUNOUT: .002 IN./IN. OF SHAFT LENGTH

END PLAY : .005" TIR MAX.

RADIAL PLAY : .003" TIR MAX.

STOP STRENGTH :



SPECIAL INSTRUCTIONS

- NOTES
- 1 - MARK AS SHOWN USING TOOL NO. 2-802-6196
 - 2 - UNIT TO BE SUPPLIED WITH HEX NUT PS57-109
LOCK WASHER PS40-106

DESIGN UNITS: INCH TOLERANCES UNLESS NOTED: NO PLACES X ± 0.400 ONE PLACE .X ± 0.03 TWO PLACE .XX ± 0.015 THREE PLACE .XXX ± 0.005 ANGLES X ± 3.0° THIRD ANGLE PROJECTION 	DRAWN	DSK	12DEC08	Honeywell			
	CHECK	RS	12DEC08				
	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.			TITLE SPECIFICATION SHEET FOR 50BFA103			
	INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY	SIZE B	TYPE E	CAGE CODE -	DRAWING NAME 50BFA103-00	REV E	
AUTOCAD 2D		SCALE NONE			SHEET 1	OF 1	