

039237-50051美国PCB厂家配置

产品名称	039237-50051美国PCB厂家配置
公司名称	上海持承自动化设备有限公司
价格	233.00/个
规格参数	PCB:50 lbf-ft 039237:2.0 mV/V 美国: 0.25 % FS
公司地址	上海市金山区吕巷镇干巷荣昌路318号3幢1018室
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产品详情

039237-50051美国PCB厂家配置 Model: 039237-50051/B

Rotary Torque Angle Transducer, w/Auto-ID, 50 lbf-ft (68 Nm), 3/8-inch Square Drive, 10-pin PT Receptacle

Measurement Range: (Full Scale Capacity) 50 lbf-ft(68 Nm)

Sensitivity: (output at rated capacity) 2.0 mV/V(2.0 mV/V)

Non-Linearity: $\leq 0.25\%$ FS

Maximum Speed: 2500 RPM

PERFORMANCE Measurement Range (Full Scale Capacity) 50 lbf-ft 68 Nm Sensitivity (output at rated capacity) 2.0 mV/V 2.0 mV/V [3] Non-Linearity 0.25 % FS 0.25 % FS [1] Hysteresis 0.25 % FS 0.25 % FS [1] Non-Repeatability 0.05 % FS 0.05 % FS [1] Interchangeability 0.30 % FS 0.30 % FS [1] [2] ENVIRONMENTAL Overload Limit 75 lbf-ft 101 Nm Temperature Range (Operating) 0 to +200 ° F -18 to +93 ° C Temperature Range (Compensated) +70 to +150 ° F +21 to +66 ° C Temperature Effect on Output (Maximum) $\pm 0.002\%$ Reading/ ° F $\pm 0.0018\%$ Reading/ ° C [4] Temperature Effect on Zero Balance (Maximum) $\pm 0.002\%$ FS/ ° F $\pm 0.0018\%$ FS/ ° C [4] ELECTRICAL Bridge Resistance 350 Ohm 350 Ohm Excitation Voltage 10 VDC 10 VDC [5] Insulation Resistance 5 GOhm 5 GOhm Zero Balance 2 % FS 2 % FS [1] Counts Per Revolution 14721472 [7] Resolution w/ Quadrature 1/4 ° 1/4 ° [7] Output Voltage High 5V to Low 0.5V High 5V to Low 0.5V [7] Power Required (maximum) 5 VDC @ 120mA 5 VDC @ 120mA [7] Magnetic Encoder (Poles) 360 360 [7] Magnetic Encoder (Output) See Note See Note [6] [7] Shunt Calibration 0.25 % FS 0.25 % FS [1] [8] Auto ID TTL Proprietary TTL Proprietary PHYSICAL Size - Shaft Length 3.23 in 82.0 mm [10] Size - Housing Length 2.30 in 58.4 mm [10] Size - Housing Height 2.00 in 50.8 mm [10] Weight 85 lb 386 gm Mounting 3/8 inch Sq Drive 9.52 mm Sq Drive [9] Sensing Element Strain Gage Strain Gage Housing Material Aluminum Aluminum Shaft Material Steel Steel Electrical

ConnectorPT02H-12-10PPT02H-12-10PMaximum Speed2500 RPM2500 RPM

All specifications are at room temperature unless otherwise specified.

Product Notes

[1] FS - Full Scale.[2] Matched for mV/V and shunt calibration.[3] Matched to $\pm 0.25\%$ F.S.[4] Over compensated temperature range.[5] Calibrated at 10 VDC, usable 5 to 20 VDC or VAC RMS.[6] A-B Track 90 ° Phase Difference, Flat Over Operating Speed[7] Magnetic Encoder Specifications.[8] Matched with 43.575 kOhm Precision Resistor.[9] Per ANSI B107.4 Specifications[10] See Outline Drawing LT38037 for Complete Dimensions[11] See PCB Declaration of Conformance PS119 for details.

Accessories:

Optional080920-01000(1)080962-01000MODEL 962 DATA RECORDER(1)097000-34445INTERCONNECT CABLE(1)4242R-000630MATING CONNECTOR PT06A-12-10S(SR)(1)Supplied7122R-04352APRECISION CAL RESISTOR 43.575 kOhm(1)Model: M039237-50051

Rotary Torque Angle Transducer, w/Auto-ID, 68 Nm, 3/8-inch Square Drive, 10-pin PT Receptacle, calibrated in Nm.

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