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NACA.800Q-S6/VA**Current Transducer****Applications**

For the electronic measurement of current : DC , AC , pulsed , mixed , with a galvanic isolation between the primary circuit and the secondary circuit .

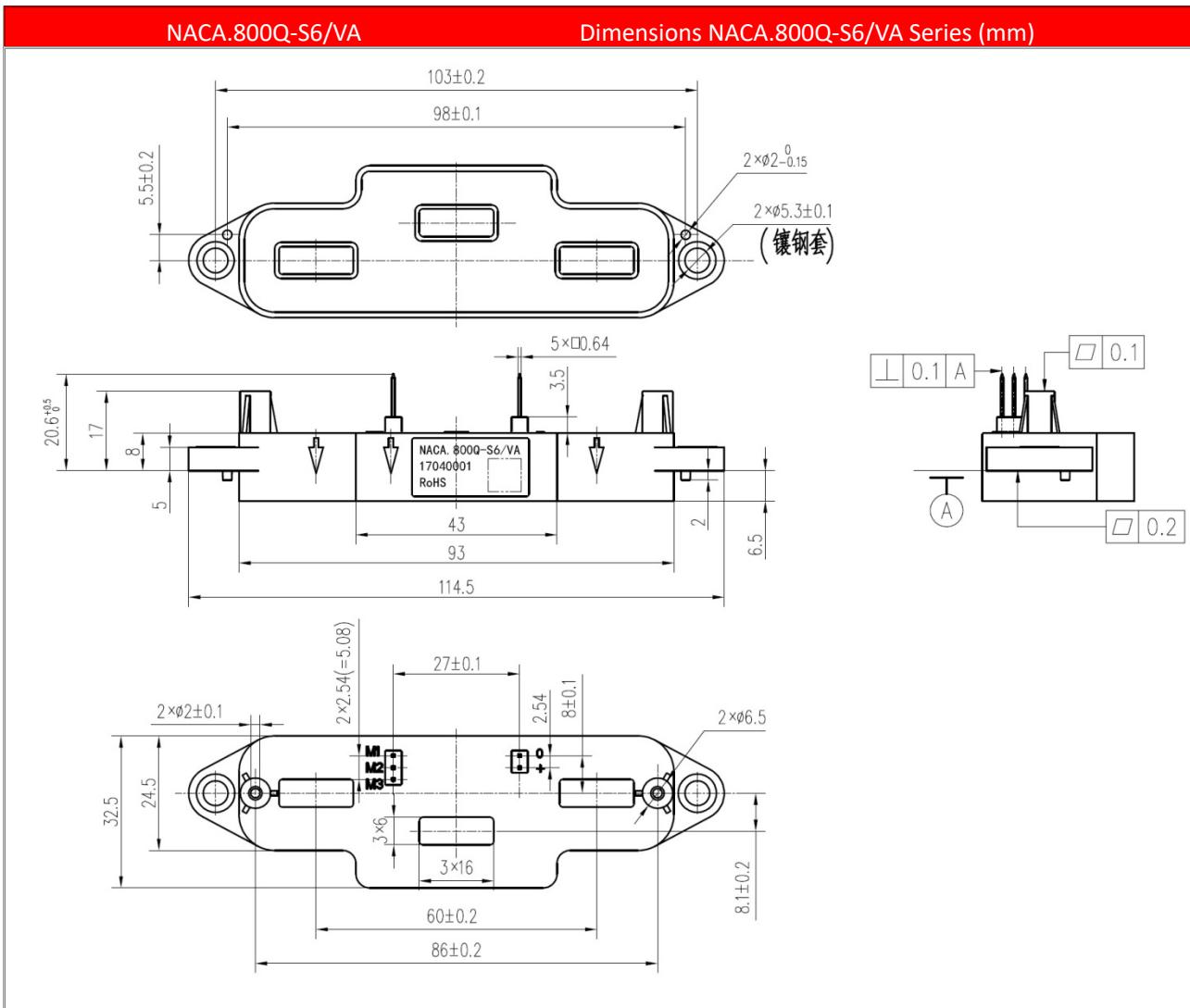


Advantages	Applications	Standards
Excellent accuracy	Motor drive	ISO 16750-3:2012
Very good linearity		ISO 16750-4:2012
		GB/T 18488.2-2006
		ISO/TS16949

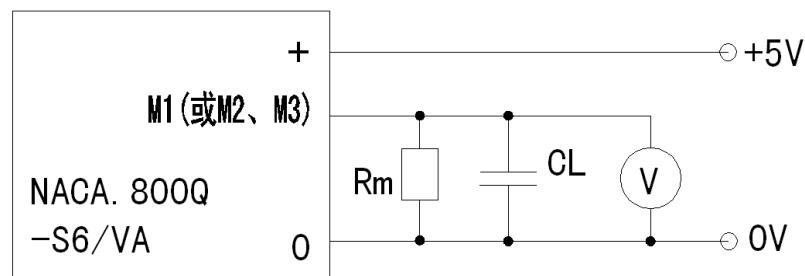
Main electrical data At Ta=25°C , Vc=5V, RL=10kΩ	
I _P (A) Primary current measuring range	0 ~ ±800
V _c (V) Supply voltage	+5x(1±5%)
V _{SN} (V) Output voltage	V _c /5x (2.5+G×I _P)
G (mV/A) Sensitivity	2.5
R _L (kΩ) Load resistance	≥10
C _L (nF) Capacitive loading	≤4.7
R _o (Ω) Output internal resistance	≤10
I _c (mA)Static Current consumption	≤20+ V _{SN} /R _L

Accuracy - Dynamic performance data	
δz (V) Electrical offset voltage	≤V _c /2±0.015
δi(TA=25°C) Overall Accuracy	≤±1%@0 ~ 200A ≤±2%@200A ~ 800A
δL (TA=25°C) Linearity error	≤±1%
δ _{zL} (@-40°C ~ +125°C)Thermal drift	≤±0.08mV/°C
T _r (@90%ofI _{PN})Response time	Tpy5us Max 7us
BWFrequency bandwidth (-3dB)	DC ~ 30kHz

General data		
T _a	Ambient operating temperature	-40°C~+125°C
T _s	Ambient storage temperature	-40°C~+125°C
m	Mass	≤120g



Connection



Mechanical characteristics	Remark
1. 2×Φ5.3mm 2. M5 3. 6 N·m 2*2.54 3*2.54	