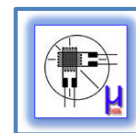




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# N22 – BIAIXIAL STRAIN GAGE



## Features

- Gage Length 1mm to 10mm
- Biaixal 0°/90°, stacked rosette
- Gage Resistance 120Ω within ±0.3% of the nominal resistance
- Gage Factor 2.00 (Nominal) 1.90 to 2.10
- Measurable Strain 2 to 4% maximum Up to 10% with yielding strain
- Temperature Range –30°C to +80°C
- Thermal Output ±2μst/°C(RT to +80°C) Compensated temperature range
- Gage Factor Change with Temperature ±0.015%/°C
- Fatigue Life More than 1×10<sup>5</sup> reversals at ±1000×10<sup>6</sup> strain

Type	Nominal Resistance (Ω)	Dimension (mm)			
		Grid		Base	
		Length	Width	Length	Width
N22-FA-1-120-(11,16,23)	120	2	1	1.5	Φ6.0
N22-FA-2-120-(11,16,23)	120	2	2	1.6	Φ8.0
N22-FA-5-120-(11,16,23)	120	2.1	5	1.8	Φ11.0
N22-FA-5-350-11	350	2.1	5	2.6	Φ15.0
N22-FA-8-120-(11,16,23)	120	2.1	8	2	Φ15.0
N22-FA-10-120-(11,16,23)	120	2.1	10	2.2	Φ18.0
N22-MA-1-120-(11,16,23)	120	2	1	1.5	Φ6.0
N22-MA-2-120-(11,16,23)	120	2	2	1.6	Φ8.0
N22-MA-5-120-(11,16,23)	120	2.1	5	1.8	Φ11.0



**Micro Sensor Technology**

SHOWA MEASURING INSTRUMENTS INC.

Tokyo Japan