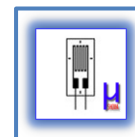




This is I.T. Co., Ltd.
1878 Moo 1 Soi Bearing 44 Sukhumvit 107 Rd.
T.Samrongnua A.Muang Samutprakarn Thailand 10270
Hot Line: 091-095-8123 Site: www.thisisit.co.th E-mail: sales@thisisit.co.th

N11 – UNIAXIAL STRAIN GAGE



Features

- Gage Length 2mm to 5mm
- 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 / MA Option –30°C to +180°C
- Thermal Output ±2μst/°C(RT to +80°C) Compensated temperature range / MA Option RT to +160°C
- Gage Factor Change with Temperature ±0.015%/°C
- Fatigue Life More than 1×10⁵ reversals at ±1000×10⁶ strain

Type	Nominal Resistance (Ω)	Dimension (mm)			
		Grid		Base	
		Length	Width	Length	Width
N11-FA-03-120-(11,16,23)	120	0.3	1.8	3.5	2.5
N11-FA-1-120-(11,16,23)	120	1	1.5	4	2.5
N11-FA-1-120-(11,16,23)-P4	120	1	1	4	2
N11-FA-1-350-11	350	1	2.4	5	4
N11-FA-2-120-(11,16,23)	120	2	1.6	6	2.5
N11-FA-2-350-(11,16,23)	350	2	2.2	7	3.5
N11-FA-3-120-(11,16,23)	120	3	1.6	7	2.8
N11-FA-5-120-(11,16,23)	120	5	1.8	9.5	3.5
N11-FA-5-350-(11,16,23)	350	5	2.6	11	4
N11-FA-5-1000-11	1000	5	3.2	9.5	5
N11-FA-6-120-(11,16,23)	120	6	2	11	3.5
N11-FA-8-120-(11,16,23)	120	8	2	13	4



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SHOWA MEASURING INSTRUMENTS INC.

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Type	Nominal Resistance (Ω)	Dimension (mm)			
		Grid		Base	
		Length	Width	Length	Width
N11-FA-8-350-11	350	8	4	14	6
N11-FA-10-120-(11,16,23)	120	10	2.2	15	5
N11-FA-10-350-(11,16,23)	350	10	4.5	18	6.5
N11-FA-10-600-11	600	10	3	16	5
N11-FA-10-1000-11	1000	10	4.5	16	6
N11-FA-30-120-11	120	30	1.2	40	4.5
N11-FA-60-120-11	120	60	2.2	65	5.5
N11-MA-03-120-(11,16,23)	120	0.3	1.8	3.5	2.5
N11-MA-1-120-(11,16,23)	120	1	1.5	4	2.5
N11-MA-1-120-(11,16,23)-P4	120	1	1	4	2
N11-MA-1-350-(11,23)	350	1	2.4	5	4
N11-MA-2-120-(11,16,23)	120	2	1.6	6	2.5
N11-MA-2-350-(11,16,23)	350	2	2.2	7	3.5
N11-MA-3-120-(11,16,23)	120	3	1.6	7	2.8
N11-MA-3-350-(11,16,23)	350	3	3	7	4.5
N11-MA-5-120-(11,16,23)	120	5	1.8	9.5	3.5
N11-MA-5-350-11	350	5	2.6	11	4
N11-MA-5-1000-11	1000	5	3.2	9.5	5
N11-MA-6-120-(11,16,23)	120	6	2	11	3.5
N11-MA-8-120-(11,16,23)	120	8	2	13	4
N11-MA-8-350-11	350	8	4	14	6
N11-MA-10-120-(11,16,23)	120	10	2.2	15	5
N11-MA-10-350-11	350	10	4.5	18	6.5
N11-MA-10-600-11	600	10	3	16	5
N11-MA-10-1000-11	1000	10	4.5	16	6



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