

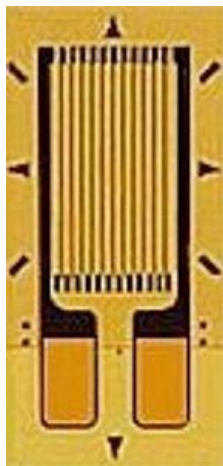
STRAIN GAUGES

With the increasingly accelerated introduction of new materials, new fabrication techniques and new design concepts, experimental stress analysis forms an important part of the critical data in the analysis of prototype models and as an economical tool to prevent failures before a large investment has been made in moulds and specialized fabrication machinery. Continuous Strain measurement is also preferred in real time practical applications for monitoring of process and to set process limits.

IEICOS offers Strain Gages are made of high quality imported foil materials, which ensures high quality and performance of our strain gauge products under different environments. IEICOS Strain gauge sensors have been in the industry, education, research and defence for many years. We provide a complete set of strain gauges that suits different needs and usage environments.

SINGLE STRAIN GAUGES (QUARTER BRIDGE)

Series: IEI-SGQ

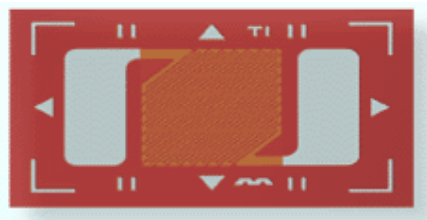


MODEL	GRID DIM mm	BACKING DIM mm
BF120-1AA	1×3.14	4.7×4.0
BF120-3AA	3×2.44	6.6×3.4
BF175-3AA	3×2.6	6.6×3.6
BF350-1AA	1×3.75	4.6×4.7
BF350-1.5AA	1.7×3.85	4.8×4.7
BF350-2AA	2.1×3.4	5.1×4.2
BF350-3AA	3.2×3.1	7.3×4.1
BF350-4AA	4.1×3.1	8.2×4.1
BF350-5AA	5×2.9	9.3×3.9
BF350-6AA	6×2.9	10.3×3.9
BF500-3AA	3×3.6	7.3×4.6
BF1000-1.5AA	1.7×4.2	5.0×5.0
BF1000-2AA	2.1×4.0	5.1×5.0
BF1000-3AA	3.15×3.7	6.9×4.6
BF2000-3AA	3×4.2	6.6×5.0

☆ Grid is normally made of imported Constantan (CuNi). On special order request, other materials for different environment.

SINGLE STRAIN GAUGES (QUARTER BRIDGE)

Series: IEI-SGQS

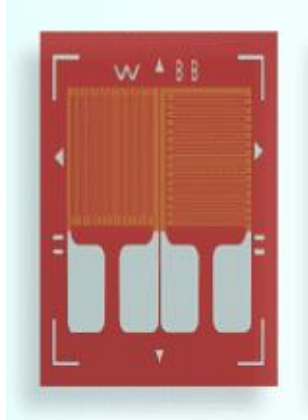


MODEL	GRID DIM mm	BACKING DIM mm
BF350-1AB	1.6×1.5	9.6×2.7
BF350-3AB	3.8×3.1	8.0×4.1
BF1000-3AB	3.8×3.1	8.0×4.1

DOUBLE STRAIN GAUGES (HALF BRIDGE)

Series: IEI-SGH

(with separate leads for each strain gauge)

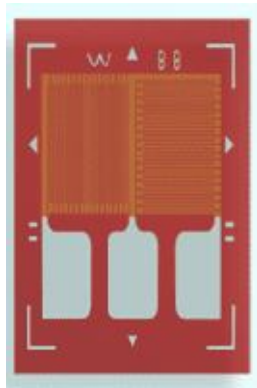


MODEL	GRID DIM mm	BACKING DIM mm
BF350-2BB	1.6×1.5	9.6×2.7
BF350-3BB	3.8×3.1	8.0×4.1
ZF1000-2BB	3.8×3.1	8.0×4.1

DOUBLE STRAIN GAUGES (HALF BRIDGE)

Series: IEI-SGHJ

(with joined lead at center of strain gauge)

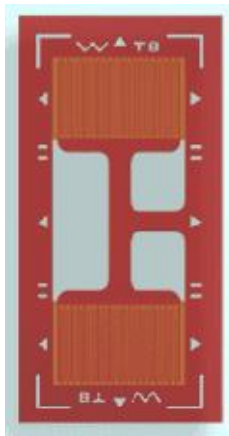


MODEL	GRID DIM mm	BACKING DIM mm
BF350-3BB-A	3.0×3.1	6.8×7.6
ZF1000-3BB-A	3.0×3.1	6.8×7.6

DOUBLE STRAIN GAUGES (HALF BRIDGE INLINE)

Series: IEI-SGHI

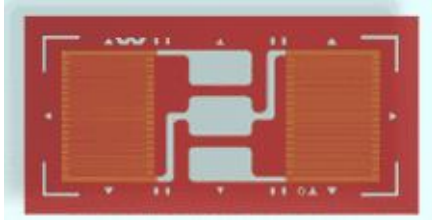
(with joined lead at center of strain gauge)



MODEL	GRID DIM mm	BACKING DIM mm	GRID DISTANCE mm
BF00-1GB-5.0	1.0×2.7	7.5×3.5	5.0; 6.0; 7.0
BF350-1GB-5.8	1.0×2.7	8.2×3.5	3.8; 5.8; 7.0
BF350-2GB-7.0	2.1×3.75	10.4×4.8	6.0; 7.0; 10.5
ZF350-2GB-7.0	2.0×2.6	10.9×3.5	6.0; 7.0; 10.5
ZF500-2GB-6.0	2.0×3.2	9.6×3.8	6.0; 7.0
ZF700-2GB-5.8	2.0×3.2	9.0×3.8	5.8; 6.0; 7.0
ZF1000-1.5GB-7.0	1.7×3.7	9.6×4.4	6.0; 7.0; 8.0
ZF1000-2GB-7.0	2.1×3.6	9.9×4.3	6.0; 7.0; 10.5
ZF1000-3GB-10.5	3.1×3.9	15.0×4.8	7.0; 10.5

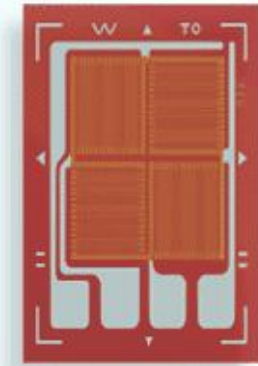
DOUBLE STRAIN GAUGES (HALF BRIDGE INLINE) Series: IEI-SGHIJ

(with joined lead at center of strain gauge)



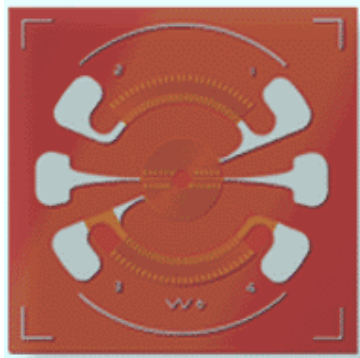
MODEL	GRID DIM mm	BACKING DIM mm	GRID DISTANCE mm
BF350-2GB-A-7.0	2.1×4.4	10.9×5.4	6.0; 7.0; 8.0
ZF1000-2GB-A-7.0	2.1×4.4	10.9×5.4	6.0; 7.0; 8.0

FULL BRIDGE STRAIN GAUGES Model : IEI-SGF



MODEL	GRID DIM mm	BACKING DIM mm
BF350-3EB	2.25×2.65	9.2×7.7
ZF1000-3EB	2.25×2.65	9.2×7.7

FULL BRIDGE STRAIN GAUGES Model : IEI-SGF



BF(BH)350-6KA	Φ6.3	Φ10.2
BF(BH)350-8KA	Φ7.8	Φ8.6
BF(BH)350-10KA	Φ9.2	Φ10.2
BF350-12KA	Φ11	Φ12
BF350-15KA	Φ13.8	Φ15
BF350-18KA	Φ16.6	Φ18
BF(BH)1000-6KA	Φ6.1	Φ10.2
BF(BH)1000-10KA	Φ9.2	Φ10
BF1000-13KA	Φ12.2	Φ13
BF1000-15KA	Φ13.8	Φ15
BF1500-10KA	Φ9.2	Φ10
BF1500-20KA	Φ18.6	Φ20
BF1650-13KA	Φ9.8	Φ13
BF2000-14KA	Φ13.5	Φ14.5



INDUSTRIAL ENGINEERING INSTRUMENTS

203, 12th Main Road, 3rd Phase, Peenya Industrial Area,
Peenya, Bangalore-560 058. Karnataka, India.
Phone: 080 28394520 Fax: 080 28371386 Mob: 9241032423
Email: info@ieicos.com Web Site: www.ieicos.com