

Transducer-Class® Strain Gages

| | | | | | |
|---------------------|---|---------------------------------------|---------------------|----------------------------|---------------------------------------|
| GAGE PATTERN | Actual size shown. Enlarged when necessary for definition. | GAGE DESIGNATION See Note 1 | RES. IN OHMS | STANDARD CREEP CODE | ENCAPSULATION OPTION AVAILABLE |
| | DIMENSIONS | | | | |

| | | | | | | | | |
|--------------------|-----------------------|-------------------|----------------------|-------------------------------|--------------------|-------------|----|--|
| | | | | Smaller version of T029/T030. | | | | |
| GAGE LENGTH | OVERALL LENGTH | GRID WIDTH | OVERALL WIDTH | | | | | |
| 0.075 | 0.220 | 0.060 | 0.170 | N2A-XX-S203P-175 | 175 ± 0.2% | P | E3 | |
| | | | | N2A-XX-T031P-350 | 350 ± 0.2% | P | E3 | |
| | | | | N2K-XX-T032P-350/DP | 350 ± 0.2% | P | E3 | |
| 1.91 | 5.59 | 1.52 | 4.32 | N2K-XX-S137Q-10C/DP | 1000 ± 0.2% | Q | E3 | |
| | | | | TK-XX-T032P-350/DP | 350 ± 0.2% | P | | |
| MATRIX SIZE | 0.28 L x 0.23 W | | 7.1 L x 5.8 W | | TK-XX-S137Q-10C/DP | 1000 ± 0.2% | Q | |

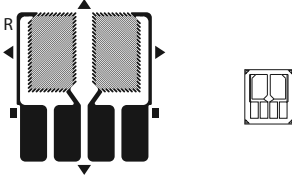
| | | | | | | | | |
|--------------------|-----------------------|-------------------|----------------------|------------------------------------|---------------------|------------|-----|--|
| | | | | Encapsulated version of T031/T032. | | | | |
| GAGE LENGTH | OVERALL LENGTH | GRID WIDTH | OVERALL WIDTH | | | | | |
| 0.075 | 0.22 | 0.060 | 0.190 | | | | | |
| 1.91 | 5.6 | 1.52 | 4.83 | J2A-XX-S036R-350 | 350 ± 0.4% | R | | |
| MATRIX SIZE | 0.28 L x 0.25 W | | 7.1 L x 6.4 W | | J5K-XX-S1448-350/DP | 350 ± 0.4% | N/A | |

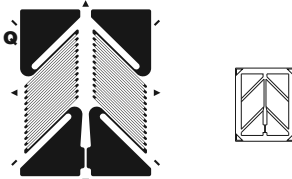
| | | | | | | | | |
|--------------------|-----------------------|-------------------|----------------------|------------------------------------|------------------|------------|---|--|
| | | | | Three-tab version of S036 pattern. | | | | |
| GAGE LENGTH | OVERALL LENGTH | GRID WIDTH | OVERALL WIDTH | | | | | |
| 0.075 | 0.216 | 0.060 | 0.190 | | | | | |
| 1.91 | 5.49 | 1.52 | 4.83 | | | | | |
| MATRIX SIZE | 0.28 L x 0.25 W | | 7.1 L x 6.4 W | | J2A-XX-S254R-350 | 350 ± 0.4% | R | |

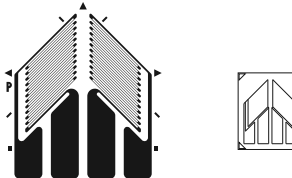
Note 1: All products are RoHS compliant.

Transducer-Class® Strain Gages

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|---------------------|--|---|-----------------------------|------------------------------------|---|
| GAGE PATTERN | Actual size shown. Enlarged when necessary for definition. | GAGE DESIGNATION See Note 1 | RES. IN OHMS | STANDARD CREEP CODE | ENCAPSU- LATION OPTION AVAILABLE |
| | DIMENSIONS | | | | |

| | | | | | | | |
|---|-----------------------|-------------------|----------------------|---|-------------|---|--|
|  | | | | Rectangular-grid, 1000-ohm version of S036 pattern. | | | |
| GAGE LENGTH | OVERALL LENGTH | GRID WIDTH | OVERALL WIDTH | J2A-XX-S173R-10C | 1000 ± 0.4% | R | |
| 0.085 | 0.226 | 0.114 | 0.200 | | | | |
| 2.16 | 5.74 | 2.89 | 5.08 | | | | |
| MATRIX SIZE | 0.28 L x 0.25 W | 7.1 L x 6.4 W | | | | | |

| | | | | | | | |
|---|-----------------------|-------------------|----------------------|--|---|-----------------------|----------------------|
|  | | | | Dual-element patterns for shear or torque transducers. | | | |
| GAGE LENGTH | OVERALL LENGTH | GRID WIDTH | OVERALL WIDTH | N2A-XX-T029Q-350 N2A-XX-S096H-10C N2K-XX-T030R-350/DP N2K-XX-S083R-10C/DP TK-XX-T030R-350/DP TK-XX-S083R-10C/DP | 350 ± 0.2% 1000 ± 0.2% 350 ± 0.2% 1000 ± 0.2% 350 ± 0.2% 1000 ± 0.2% | Q H R R R | E3 E3 E3 E3 |
| 0.125 | 0.318 | 0.10 | 0.250 | | | | |
| 3.18 | 8.08 | 2.54 | 6.35 | | | | |
| MATRIX SIZE | 0.38 L x 0.31 W | 9.6 L x 7.9 W | | | | | |

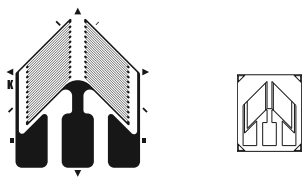
| | | | | | | | |
|---|-----------------------|-------------------|----------------------|--|---|-------------|--|
|  | | | | Encapsulated versions of T029/S096. | | | |
| GAGE LENGTH | OVERALL LENGTH | GRID WIDTH | OVERALL WIDTH | J2A-XX-S101P-175 J2A-XX-S034P-350 J2A-XX-S122P-10C | 175 ± 0.4% 350 ± 0.4% 1000 ± 0.4% | P P P | |
| 0.125 | 0.33 | 0.100 | 0.275 | | | | |
| 3.18 | 8.4 | 2.54 | 6.99 | | | | |
| MATRIX SIZE | 0.40 L x 0.34 W | 10.1 L x 8.5 W | | | | | |

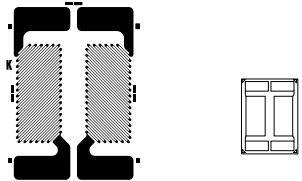
Note 1: All products are RoHS compliant.

Shear Patterns - Dual Grid

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| | | | | | | |
|---------------------|---|--|---------------------------------------|---------------------|----------------------------|---------------------------------------|
| GAGE PATTERN | Actual size shown. Enlarged when necessary for definition. | | GAGE DESIGNATION See Note 1 | RES. IN OHMS | STANDARD CREEP CODE | ENCAPSULATION OPTION AVAILABLE |
| | DIMENSIONS | <input type="checkbox"/> inch <input type="checkbox"/> millimeter | | | | |

| | | | | | | |
|---|-----------------------|-------------------|----------------------|------------------------------------|------------|---|
|  | | | | Three-tab version of S034 pattern. | | |
| GAGE LENGTH | OVERALL LENGTH | GRID WIDTH | OVERALL WIDTH | J2A-XX-S111K-350 | 350 ± 0.4% | K |
| 0.125 | 0.33 | 0.100 | 0.275 | | | |
| 3.18 | 8.4 | 2.54 | 6.99 | | | |
| MATRIX SIZE | 0.40 L x 0.34 W | | 10.1 L x 8.5 W | | | |

| | | | | | | |
|---|-----------------------|-------------------|----------------------|--|------------|---|
|  | | | | Encapsulated dual-shear pattern with tabs at both ends of pattern. | | |
| GAGE LENGTH | OVERALL LENGTH | GRID WIDTH | OVERALL WIDTH | J2A-XX-S245K-350 | 350 ± 0.4% | K |
| 0.125 | 0.360 | 0.201 | 0.252 | | | |
| 3.18 | 9.14 | 5.10 | 6.40 | | | |
| MATRIX SIZE | 0.39 L x 0.29 W | | 9.9 L x 7.4 W | | | |

Note 1: All products are RoHS compliant.

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