



中国质量认证中心  
产品认证证书

CHINA QUALITY CERTIFICATION CENTRE  
PRODUCT CERTIFICATE

CQC25024473117

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IEC61730-1:2023;IEC 61730-2:2023

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CQC33-471541-2023

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CHINA QUALITY CERTIFICATION CENTRE



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| 组件型号             |      | Voc[V]/<br>±3% | Vmp<br>[V] | Isc [A]/<br>±3% | Imp<br>[A] | Pmax[W]/<br>±3% | 系统<br>电压[V] | 额定熔断电流<br>[A] |
|------------------|------|----------------|------------|-----------------|------------|-----------------|-------------|---------------|
| GK-1-54HTBD-420M | STC  | 38.11          | 31.51      | 14.07           | 13.33      | 420             | 1500        | 30            |
|                  | BNPI | 38.12          | 31.51      | 15.44           | 14.62      | 460             |             |               |
|                  | BSI  | —              | —          | 17.21           | —          | —               |             |               |
|                  | φ    | 100±5%         | —          | 80±5%           | —          | 80±5%           |             |               |
| GK-1-54HTBD-425M | STC  | 38.30          | 31.70      | 14.15           | 13.41      | 425             | 1500        | 30            |
|                  | BNPI | 38.37          | 31.80      | 15.60           | 14.78      | 470             |             |               |
|                  | BSI  | —              | —          | 17.38           | —          | —               |             |               |
|                  | φ    | 100±5%         | —          | 80±5%           | —          | 80±5%           |             |               |
| GK-1-54HTBD-430M | STC  | 38.49          | 31.88      | 14.23           | 13.49      | 430             | 1500        | 30            |
|                  | BNPI | 38.54          | 31.97      | 15.68           | 14.86      | 475             |             |               |
|                  | BSI  | —              | —          | 17.45           | —          | —               |             |               |
|                  | φ    | 100±5%         | —          | 80±5%           | —          | 80±5%           |             |               |





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|------------------|------|--------|-------|-------|-------|-------|------|----|
|                  | BSI  | —      | —     | 17.81 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-54HTBD-455M | STC  | 39.44  | 32.76 | 14.59 | 13.89 | 455   | 1500 | 30 |
|                  | BNPI | 39.47  | 32.78 | 16.03 | 15.26 | 500   |      |    |
|                  | BSI  | —      | —     | 17.89 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-60HTBD-465M | STC  | 42.22  | 34.89 | 14.07 | 13.33 | 465   | 1500 | 30 |
|                  | BNPI | 42.23  | 34.89 | 15.45 | 14.63 | 510   |      |    |
|                  | BSI  | —      | —     | 17.29 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-60HTBD-470M | STC  | 42.38  | 35.05 | 14.15 | 13.41 | 470   | 1500 | 30 |
|                  | BNPI | 42.47  | 35.18 | 15.60 | 14.78 | 520   |      |    |
|                  | BSI  | —      | —     | 17.37 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-1-60HTBD-475M | STC  | 42.54  | 35.21 | 14.23 | 13.49 | 475   | 1500 | 30 |
|                  | BNPI | 42.60  | 35.33 | 15.68 | 14.86 | 525   |      |    |
|                  | BSI  | —      | —     | 17.45 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| STC              |      | 42.71  | 35.38 | 14.31 | 13.57 | 480   |      |    |
| GK-1-60HTBD-480M |      |        |       |       |       |       | 1500 | 30 |





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|                  | BSI  | —      | —     | 17.78 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-60HTBD-495M | STC  | 43.18  | 35.84 | 14.56 | 13.81 | 495   | 1500 | 30 |
|                  | BNPI | 43.20  | 35.88 | 16.01 | 15.19 | 545   |      |    |
|                  | BSI  | —      | —     | 17.86 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-60HTBD-500M | STC  | 43.34  | 36.00 | 14.64 | 13.89 | 500   | 1500 | 30 |
|                  | BNPI | 43.36  | 36.02 | 16.09 | 15.27 | 550   |      |    |
|                  | BSI  | —      | —     | 17.94 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-60HTBD-505M | STC  | 43.50  | 36.15 | 14.72 | 13.97 | 505   | 1500 | 30 |
|                  | BNPI | 43.52  | 36.16 | 16.17 | 15.35 | 555   |      |    |
|                  | BSI  | —      | —     | 18.00 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-1-72HTBD-560M | STC  | 50.67  | 41.95 | 14.13 | 13.35 | 560   | 1500 | 30 |
|                  | BNPI | 50.68  | 41.95 | 15.52 | 14.66 | 615   |      |    |
|                  | BSI  | —      | —     | 17.33 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-72HTBD-565M | STC  | 50.87  | 42.14 | 14.19 | 13.41 | 565   | 1500 | 30 |
|                  | BNPI | 50.97  | 42.29 | 15.64 | 14.78 | 625   |      |    |
|                  | BSI  | —      | —     | 17.39 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-72HTBD-570M | STC  | 51.07  | 42.29 | 14.25 | 13.48 | 570   | 1500 | 30 |
|                  | BNPI | 51.17  | 42.42 | 15.70 | 14.85 | 630   |      |    |
|                  | BSI  | —      | —     | 17.51 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-72HTBD-575M | STC  | 51.27  | 42.44 | 14.31 | 13.55 | 575   | 1500 | 30 |
|                  | BNPI | 51.37  | 42.56 | 15.76 | 14.92 | 635   |      |    |





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|                  | BSI  | —      | —     | 17.57 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-72HTBD-580M | STC  | 51.47  | 42.59 | 14.37 | 13.62 | 580   | 1500 | 30 |
|                  | BNPI | 51.57  | 42.70 | 15.82 | 14.99 | 640   |      |    |
|                  | BSI  | —      | —     | 17.63 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-72HTBD-585M | STC  | 51.67  | 42.74 | 14.43 | 13.69 | 585   | 1500 | 30 |
|                  | BNPI | 51.77  | 42.80 | 15.88 | 15.07 | 645   |      |    |
|                  | BSI  | —      | —     | 17.69 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-72HTBD-590M | STC  | 51.87  | 42.89 | 14.49 | 13.76 | 590   | 1500 | 30 |
|                  | BNPI | 51.97  | 42.94 | 15.94 | 15.14 | 650   |      |    |
|                  | BSI  | —      | —     | 17.81 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-1-72HTBD-595M | STC  | 52.07  | 43.04 | 14.55 | 13.83 | 595   | 1500 | 30 |
|                  | BNPI | 52.17  | 43.07 | 16.00 | 15.21 | 655   |      |    |
|                  | BSI  | —      | —     | 17.87 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
|                  | STC  | 52.27  | 43.19 | 14.61 | 13.90 | 600   |      |    |
| GK-1-72HTBD-600M |      |        |       |       |       |       | 1500 | 30 |





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|                  | BSI  | —      | —     | 16.74 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-615M | STC  | 56.44  | 47.15 | 13.71 | 13.05 | 615   | 1500 | 30 |
|                  | BNPI | 56.81  | 47.35 | 15.08 | 14.36 | 680   |      |    |
|                  | BSI  | —      | —     | 16.80 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-620M | STC  | 56.61  | 47.30 | 13.77 | 13.12 | 620   | 1500 | 30 |
|                  | BNPI | 56.94  | 47.50 | 15.14 | 14.42 | 685   |      |    |
|                  | BSI  | —      | —     | 16.86 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-625M | STC  | 56.78  | 47.45 | 13.83 | 13.19 | 625   | 1500 | 30 |
|                  | BNPI | 57.07  | 47.65 | 15.20 | 14.48 | 690   |      |    |
|                  | BSI  | —      | —     | 16.92 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-1-78HTBD-630M | STC  | 56.95  | 47.60 | 13.89 | 13.25 | 630   | 1500 | 30 |
|                  | BNPI | 57.20  | 47.80 | 15.26 | 14.54 | 695   |      |    |
|                  | BSI  | —      | —     | 16.98 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-635M | STC  | 57.12  | 47.75 | 13.95 | 13.31 | 635   | 1500 | 30 |
|                  | BNPI | 57.33  | 47.95 | 15.32 | 14.60 | 700   |      |    |
|                  | BSI  | —      | —     | 17.10 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-640M | STC  | 57.29  | 47.90 | 14.01 | 13.37 | 640   | 1500 | 30 |
|                  | BNPI | 57.46  | 48.09 | 15.38 | 14.66 | 705   |      |    |
|                  | BSI  | —      | —     | 17.16 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-645M | STC  | 57.47  | 48.06 | 14.06 | 13.42 | 645   | 1500 | 30 |
|                  | BNPI | 57.59  | 48.23 |       |       |       |      |    |





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|                  | BSI  | —      | —     | 17.22 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-650M | STC  | 57.63  | 48.22 | 14.11 | 13.48 | 650   | 1500 | 30 |
|                  | BNPI | 57.72  | 48.38 | 15.50 | 14.78 | 715   |      |    |
|                  | BSI  | —      | —     | 17.28 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-655M | STC  | 57.79  | 48.38 | 14.17 | 13.54 | 655   | 1500 | 30 |
|                  | BNPI | 57.86  | 48.53 | 15.56 | 14.84 | 720   |      |    |
|                  | BSI  | —      | —     | 17.34 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-1-78HTBD-660M | STC  | 57.95  | 48.54 | 14.23 | 13.60 | 660   | 1500 | 30 |
|                  | BNPI | 58.00  | 48.68 | 15.62 | 14.90 | 725   |      |    |
|                  | BSI  | —      | —     | 17.40 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-4-48HTBD-425M | STC  | 34.38  | 29.00 | 15.73 | 14.66 | 425   | 1500 | 35 |
|                  | BNPI | 34.41  | 29.00 | 17.37 | 16.10 | 465   |      |    |
|                  | BSI  | —      | —     | 19.02 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-48HTBD-430M | STC  | 34.55  | 29.18 | 15.80 | 14.74 | 430   | 1500 | 35 |
|                  | BNPI | 34.58  | 29.18 | 17.44 | 16.19 | 470   |      |    |
|                  | BSI  | —      | —     | 19.10 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-48HTBD-435M | STC  | 34.72  | 29.36 | 15.87 | 14.82 | 435   | 1500 | 35 |
|                  | BNPI | 34.75  | 29.36 | 17.51 | 16.27 | 475   |      |    |
|                  | BSI  | —      | —     | 19.18 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-48HTBD-440M | STC  | 34.89  | 29.54 | 15.94 | 14.90 | 440   | 1500 | 35 |
|                  | BNPI | 34.92  | 29.54 | 17.58 | 16.35 | 480   |      |    |





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|                  | BSI  | —      | —     | 19.26 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-48HTBD-445M | STC  | 35.06  | 29.72 | 16.01 | 14.98 | 445   | 1500 | 35 |
|                  | BNPI | 35.09  | 29.72 | 17.65 | 16.43 | 485   |      |    |
|                  | BSI  | —      | —     | 19.34 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-48HTBD-450M | STC  | 35.23  | 29.90 | 16.08 | 15.05 | 450   | 1500 | 35 |
|                  | BNPI | 35.26  | 29.90 | 17.72 | 16.50 | 490   |      |    |
|                  | BSI  | —      | —     | 19.42 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-48HTBD-455M | STC  | 35.40  | 30.08 | 16.15 | 15.13 | 455   | 1500 | 35 |
|                  | BNPI | 35.43  | 30.08 | 17.79 | 16.55 | 495   |      |    |
|                  | BSI  | —      | —     | 19.48 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-4-48HTBD-460M | STC  | 35.60  | 30.28 | 16.21 | 15.19 | 460   | 1500 | 35 |
|                  | BNPI | 35.60  | 30.30 | 17.85 | 16.66 | 505   |      |    |
|                  | BSI  | —      | —     | 19.56 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-48HTBD-465M | STC  | 35.80  | 30.48 | 16.28 | 15.26 | 465   | 1500 | 35 |
|                  | BNPI | 35.80  | 30.49 | 17.91 | 16.73 | 510   |      |    |
|                  | BSI  | —      | —     | 19.63 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-54HTBD-480M | STC  | 39.21  | 32.25 | 15.62 | 14.89 | 480   | 1500 | 35 |
|                  | BNPI | 39.21  | 32.28 | 17.23 | 16.42 | 530   |      |    |
|                  | BSI  | —      | —     | 19.17 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-54HTBD-485M | STC  | 39.41  | 32.45 | 15.68 | 14.95 | 485   | 1500 | 35 |
|                  | BNPI | 39.41  |       |       |       |       |      |    |





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|                  | BSI  | —      | —     | 19.22 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-54HTBD-490M | STC  | 39.61  | 32.65 | 15.74 | 15.01 | 490   | 1500 | 35 |
|                  | BNPI | 39.61  | 32.65 | 17.34 | 16.54 | 540   |      |    |
|                  | BSI  | —      | —     | 19.27 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-54HTBD-495M | STC  | 39.81  | 32.85 | 15.81 | 15.07 | 495   | 1500 | 35 |
|                  | BNPI | 39.81  | 32.85 | 17.41 | 16.59 | 545   |      |    |
|                  | BSI  | —      | —     | 19.32 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-54HTBD-500M | STC  | 40.02  | 33.05 | 15.88 | 15.13 | 500   | 1500 | 35 |
|                  | BNPI | 40.02  | 33.05 | 17.47 | 16.64 | 550   |      |    |
|                  | BSI  | —      | —     | 19.37 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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|------------------|------|-------|-------|-------|-------|-----|------|----|
|                  | STC  | 40.22 | 33.25 | 15.95 | 15.19 | 505 |      |    |
| GK-4-54HTBD-505M | BNPI | 40.22 | 33.25 | 17.53 | 16.69 | 555 | 1500 | 35 |



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|                  | BSI  | —      | —     | 19.56 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-66HTBD-590M | STC  | 47.32  | 39.67 | 15.79 | 14.88 | 590   | 1500 | 35 |
|                  | BNPI | 47.32  | 39.71 | 17.37 | 16.37 | 650   |      |    |
|                  | BSI  | —      | —     | 19.41 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-66HTBD-595M | STC  | 47.49  | 39.81 | 15.86 | 14.96 | 595   | 1500 | 35 |
|                  | BNPI | 47.49  | 39.84 | 17.44 | 16.45 | 655   |      |    |
|                  | BSI  | —      | —     | 19.48 | —     | —     |      |    |
|                  | φ    |        |       |       |       |       |      |    |





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| GK-4-66HTBD-605M | STC  | 47.83  | 40.09 | 16.00 | 15.10 | 605   | 1500 | 35 |
|                  | BNPI | 47.83  | 40.09 | 17.58 | 16.59 | 665   |      |    |
|                  | BSI  | —      | —     | 19.62 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-66HTBD-610M | STC  | 48.00  | 40.22 | 16.07 | 15.18 | 610   | 1500 | 35 |
|                  | BNPI | 48.10  | 40.35 | 17.72 | 16.74 | 675   |      |    |
|                  | BSI  | —      | —     | 19.75 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-66HTBD-615M | STC  | 48.17  | 40.35 | 16.14 | 15.25 | 615   | 1500 | 35 |
|                  | BNPI | 48.27  | 40.47 | 17.79 | 16.81 | 680   |      |    |
|                  | BSI  | —      | —     | 19.82 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-66HTBD-620M | STC  | 48.34  | 40.48 | 16.21 | 15.33 | 620   | 1500 | 35 |
|                  | BNPI | 48.44  | 40.58 | 17.97 | 16.89 | 685   |      |    |





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|                  | BSI  | —      | —     | 20.02 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-66HTBD-625M | STC  | 48.51  | 40.63 | 16.28 | 15.41 | 625   | 1500 | 35 |
|                  | BNPI | 48.61  | 40.73 | 18.05 | 16.97 | 690   |      |    |
|                  | BSI  | —      | —     | 20.09 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-66HTBD-630M | STC  | 48.68  | 40.73 | 16.35 | 15.48 | 630   | 1500 | 35 |
|                  | BNPI | 48.78  | 40.81 | 18.12 | 17.04 | 695   |      |    |
|                  | BSI  | —      | —     | 20.16 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-66HTBD-635M | STC  | 48.85  | 40.85 | 16.42 | 15.55 | 635   | 1500 | 35 |
|                  | BNPI | 48.95  | 40.93 | 18.19 | 17.11 | 700   |      |    |
|                  | BSI  | —      | —     | 20.23 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-4-66HTBD-640M | STC  | 49.02  | 40.98 | 16.49 | 15.62 | 640   | 1500 | 35 |
|                  | BNPI | 49.12  | 41.06 | 18.26 | 17.18 | 705   |      |    |
|                  | BSI  | —      | —     | 20.30 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-60HTBD-610M | STC  | 42.66  | 36.46 | 17.83 | 16.73 | 610   | 1500 | 35 |
|                  | BNPI | 42.75  | 36.61 | 19.66 | 18.44 | 675   |      |    |
|                  | BSI  | —      | —     | 21.92 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-60HTBD-615M | STC  | 42.84  | 36.66 | 17.96 | 16.78 | 615   | 1500 | 35 |
|                  | BNPI | 42.91  | 36.78 | 19.80 | 18.49 | 680   |      |    |
|                  | BSI  | —      | —     | 22.06 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-60HTBD-620M | STC  | 43.01  | 36.88 | 17.99 | 16.82 | 620   | 1500 | 35 |
|                  | BNPI | 43.07  | 36.97 | 19.82 | 18.53 | 685   |      |    |





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| GK-2-60HTBD-640M | STC  | 43.72  | 37.60 | 18.11 | 17.02 | 640   | 1500 | 35 |
|                  | BNPI | 43.75  | 37.64 | 19.95 | 18.73 | 705   |      |    |
|                  | BSI  | —      | —     | 22.18 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-60HTBD-645M | STC  | 43.90  | 37.79 | 18.14 | 17.07 | 645   | 1500 | 35 |
|                  | BNPI | 43.93  | 37.81 | 19.99 | 18.78 | 710   |      |    |
|                  | BSI  | —      | —     | 22.21 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-60HTBD-650M | STC  | 44.08  | 37.97 | 18.17 | 17.12 | 650   | 1500 | 35 |
|                  | BNPI | 44.11  | 37.97 | 20.03 | 18.83 | 715   |      |    |
|                  | BSI  | —      | —     | 22.24 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-60HTBD-655M | STC  | 44.26  | 38.15 | 18.21 | 17.17 | 655   | 1500 | 35 |
|                  | BNPI | 44.29  | 38.15 | 20.07 | 18.88 | 720   |      |    |





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|                  | BSI  | —      | —     | 22.27 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-60HTBD-660M | STC  | 44.44  | 38.33 | 18.25 | 17.22 | 660   | 1500 | 35 |
|                  | BNPI | 44.47  | 38.33 | 20.11 | 18.93 | 725   |      |    |
|                  | BSI  | —      | —     | 22.31 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-60HTBD-665M | STC  | 44.62  | 38.51 | 18.29 | 17.27 | 665   | 1500 | 35 |
|                  | BNPI | 44.65  | 38.51 | 20.15 | 18.98 | 730   |      |    |
|                  | BSI  | —      | —     | 22.35 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-680M | STC  | 46.90  | 40.30 | 17.96 | 16.92 | 680   | 1500 | 35 |
|                  | BNPI | 46.95  | 40.37 | 19.77 | 18.62 | 750   |      |    |
|                  | BSI  | —      | —     | 22.05 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-2-66HTBD-685M | STC  | 47.10  | 40.50 | 17.99 | 16.95 | 685   | 1500 | 35 |
|                  | BNPI | 47.15  | 40.55 | 19.80 | 18.65 | 755   |      |    |
|                  | BSI  | —      | —     | 22.08 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-690M | STC  | 47.30  | 40.70 | 18.02 | 16.98 | 690   | 1500 | 35 |
|                  | BNPI | 47.35  | 40.74 | 19.83 | 18.68 | 760   |      |    |
|                  | BSI  | —      | —     | 22.10 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-695M | STC  | 47.50  | 40.86 | 18.05 | 17.01 | 695   | 1500 | 35 |
|                  | BNPI | 47.55  | 40.91 | 19.85 | 18.70 | 765   |      |    |
|                  | BSI  | —      | —     | 22.18 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-700M | STC  | 47.90  | 41.10 | 18.08 | 17.04 | 700   | 1500 | 35 |
|                  | BNPI | 47.90  | 41.11 | 19.88 | 18.73 | 770   |      |    |





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|                  | BSI  | —      | —     | 22.21 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-705M | STC  | 48.68  | 41.29 | 18.11 | 17.07 | 705   | 1500 | 35 |
|                  | BNPI | 48.73  | 41.29 | 19.92 | 18.77 | 775   |      |    |
|                  | BSI  | —      | —     | 22.25 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-710M | STC  | 48.91  | 41.50 | 18.15 | 17.11 | 710   | 1500 | 35 |
|                  | BNPI | 48.94  | 41.50 | 19.96 | 18.81 | 780   |      |    |
|                  | BSI  | —      | —     | 22.29 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-715M | STC  | 49.14  | 41.69 | 18.19 | 17.15 | 715   | 1500 | 35 |
|                  | BNPI | 49.15  | 41.69 | 20.00 | 18.85 | 785   |      |    |
|                  | BSI  | —      | —     | 22.33 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-2-66HTBD-720M | STC  | 49.36  | 41.91 | 18.24 | 17.18 | 720   | 1500 | 35 |
|                  | BNPI | 49.36  | 41.91 | 20.04 | 18.89 | 790   |      |    |
|                  | BSI  | —      | —     | 22.37 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-725M | STC  | 49.55  | 42.10 | 18.32 | 17.22 | 725   | 1500 | 35 |
|                  | BNPI | 49.57  | 42.10 | 20.08 | 18.93 | 795   |      |    |
|                  | BSI  | —      | —     | 22.41 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-730M | STC  | 49.71  | 42.25 | 18.38 | 17.28 | 730   | 1500 | 35 |
|                  | BNPI | 49.73  | 42.25 | 20.14 | 18.96 | 800   |      |    |
|                  | BSI  | —      | —     | 22.45 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-2-66HTBD-735M | STC  | 49.87  | 42.39 | 18.44 | 17.34 | 735   | 1500 | 35 |
|                  | BNPI | 49.89  | 42.39 | 20.20 | 19.00 | 805   |      |    |





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|                  | BSI  | —      | —     | 22.49 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-78HTBD-720M | STC  | 56.77  | 47.47 | 16.06 | 15.17 | 720   | 1500 | 35 |
|                  | BNPI | 56.77  | 47.49 | 17.63 | 16.64 | 790   |      |    |
|                  | BSI  | —      | —     | 19.54 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-78HTBD-725M | STC  | 56.92  | 47.60 | 16.12 | 15.23 | 725   | 1500 | 35 |
|                  | BNPI | 56.92  | 47.62 | 17.69 | 16.69 | 795   |      |    |
|                  | BSI  | —      | —     | 19.60 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-78HTBD-730M | STC  | 57.07  | 47.73 | 16.18 | 15.29 | 730   | 1500 | 35 |
|                  | BNPI | 57.07  | 47.75 | 17.75 | 16.75 | 800   |      |    |
|                  | BSI  | —      | —     | 19.66 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |





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| GK-4-78HTBD-735M | STC  | 57.22  | 47.86 | 16.24 | 15.36 | 735   | 1500 | 35 |
|                  | BNPI | 57.22  | 47.88 | 17.81 | 16.81 | 805   |      |    |
|                  | BSI  | —      | —     | 19.72 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-78HTBD-740M | STC  | 57.37  | 47.99 | 16.30 | 15.42 | 740   | 1500 | 35 |
|                  | BNPI | 57.37  | 48.01 | 17.87 | 16.87 | 810   |      |    |
|                  | BSI  | —      | —     | 19.78 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-78HTBD-745M | STC  | 57.52  | 48.12 | 16.36 | 15.48 | 745   | 1500 | 35 |
|                  | BNPI | 57.52  | 48.14 | 17.93 | 16.93 | 815   |      |    |
|                  | BSI  | —      | —     | 19.84 | —     | —     |      |    |
|                  | φ    | 100±5% | —     | 80±5% | —     | 80±5% |      |    |
| GK-4-78HTBD-750M | STC  | 57.67  | 48.25 | 16.42 | 15.54 | 750   | 1500 | 35 |
|                  | BNPI | 57.67  | 48.27 | 17.99 | 16.99 | 820   |      |    |





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|  | BSI | —      | — | 19.90 | — | —     |  |  |
|  | φ   | 100±5% | — | 80±5% | — | 80±5% |  |  |



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