





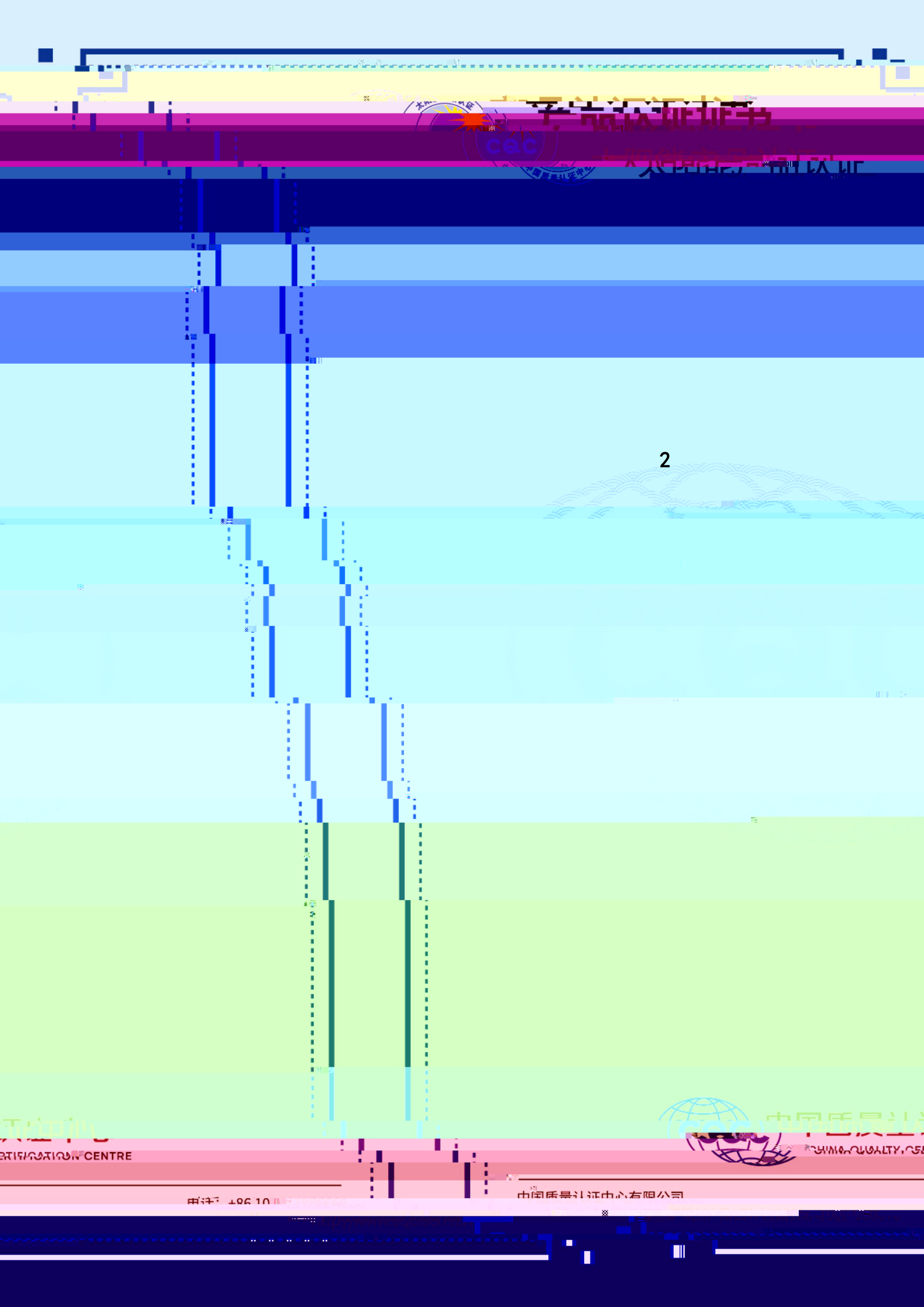

FERTIFICATION CENTRE

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| | | Voc[V]/ ±3% | Vmp [V] | Isc [A]/ ±3% | Imp [A] | Pmax[W]/ ±3% | [V] | [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 | | |

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|---|---|---|---|---|---|---|---|---|
| GK-1-60HTBD-475M | STC | 42.54 | 35.21 | 14.23 | 13.49 | 475 | 1500 | 30 |
| | BSP9 Tm[(STC)] 40[(35.06 45687 37 1486 18.24 BT/5 10.6 T1 0 0 1 183.38 406.15 Tm03 | | | | | | | |
| | | | | 17.45 | | | | |
| | φ | 100±5% | | 80±5% | | | | |
| GK-1-60HTBD-480M | STC | | 35.38 | | 13.57 | 480 | 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 | — | — | | |

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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 | — | — | | |
| | [redacted] | | — | 80±5% | — | 80±5% | | |
| | | | 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% | | |

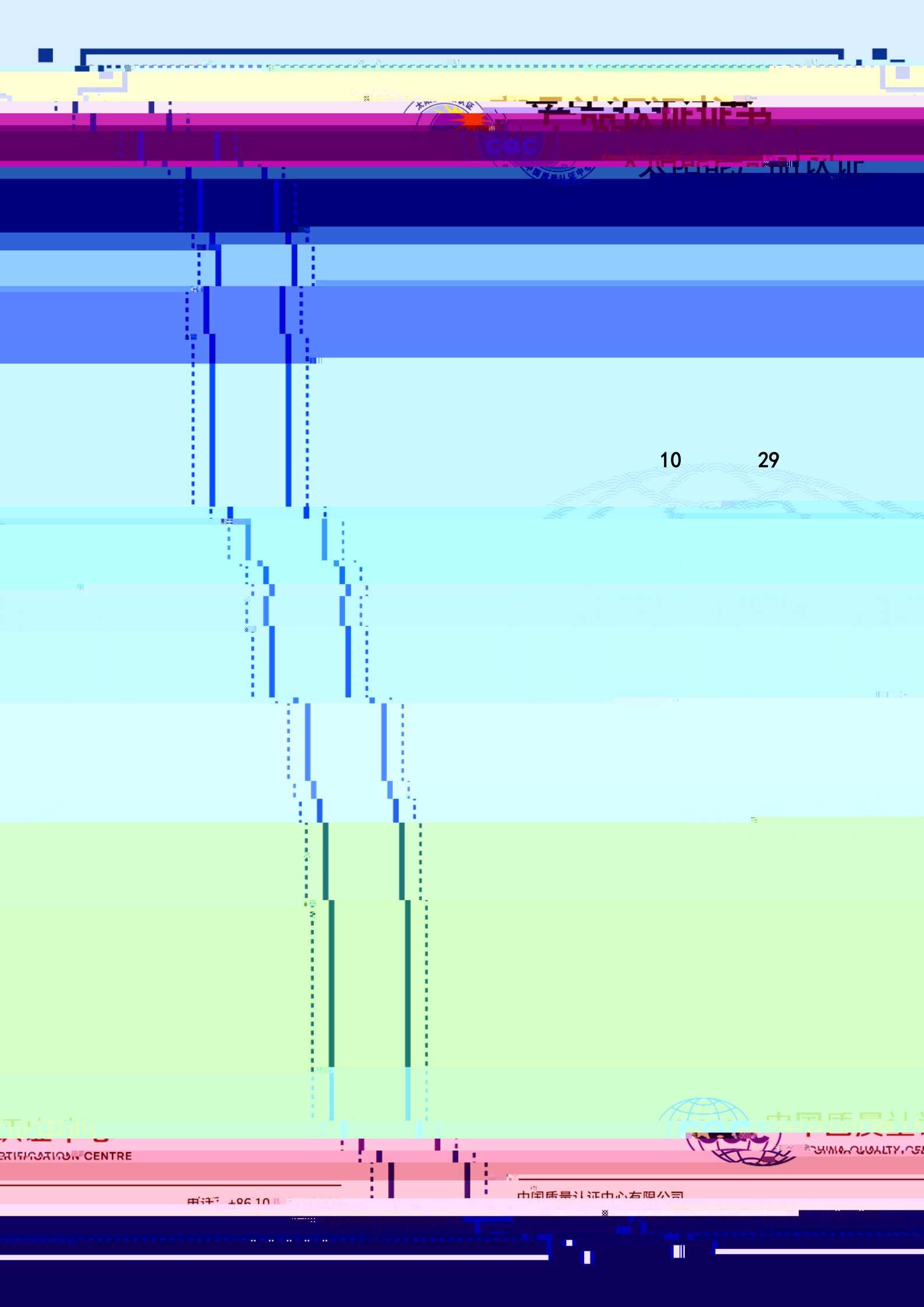
GK-1-72HTBD-600M

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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 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|
| | BSI | — | — | 17.22 | — | — | | |
| | φ | 100±5% | — | 80±5% | — | 80±5% | | |

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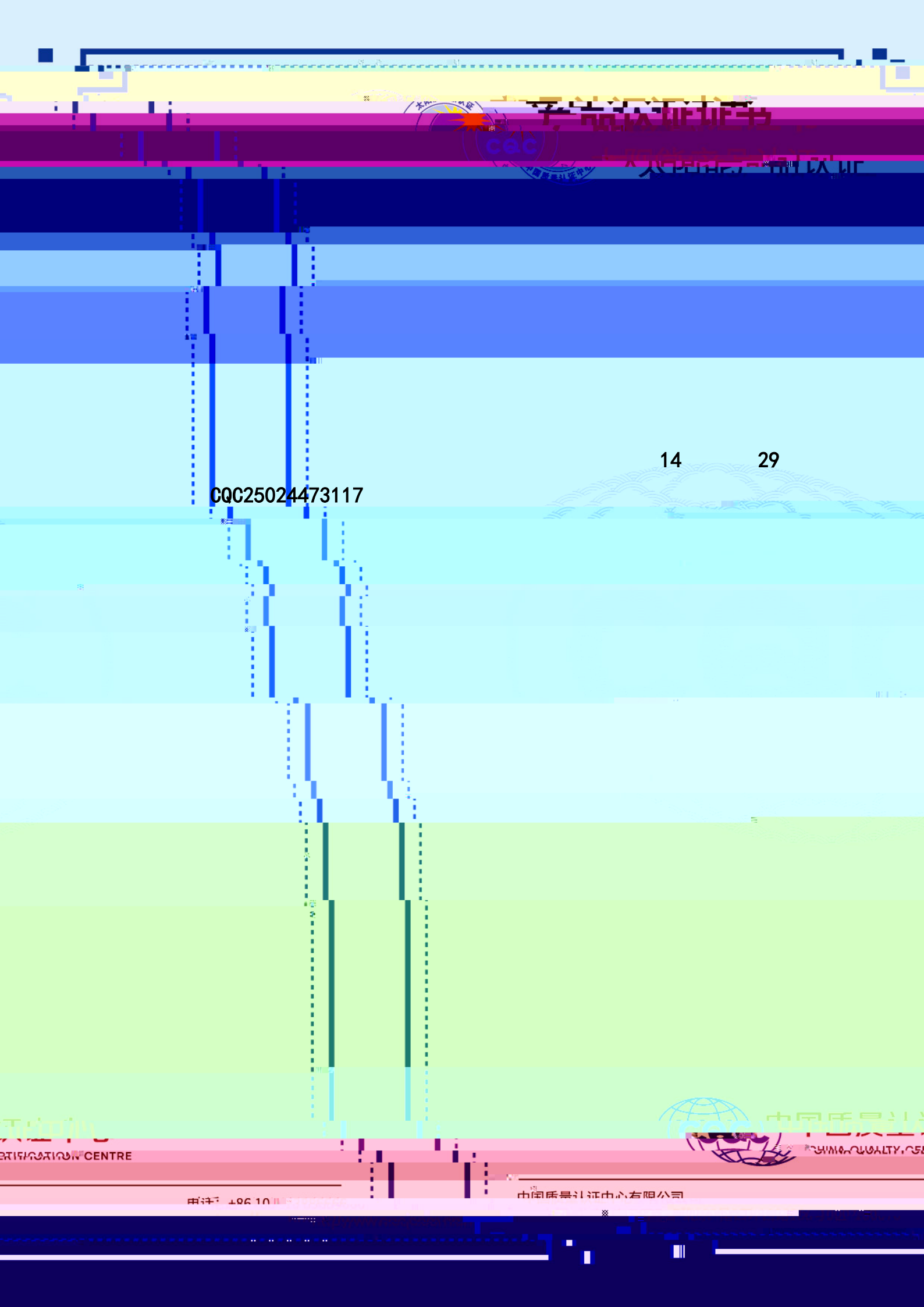
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|---|---|---|---|---|---|---|---|---|
| GK-4-48HTBD-425M | STC | 34.38 | 29.00 | 15.73 | 14.66 | 425 | 1500 | 35 |
| | BNPI | 34.41 | 29.00 | 17.37 | 16.10 | 465 | | |
| | BSI | — | — | 19.02 | — | — | | |
| | φ | 100±5% | — | 80±5% | — | 80±5% | | |
| 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 |


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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 | — | — | | |

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

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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 | [redacted] |
| | 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 | | | | | | | |

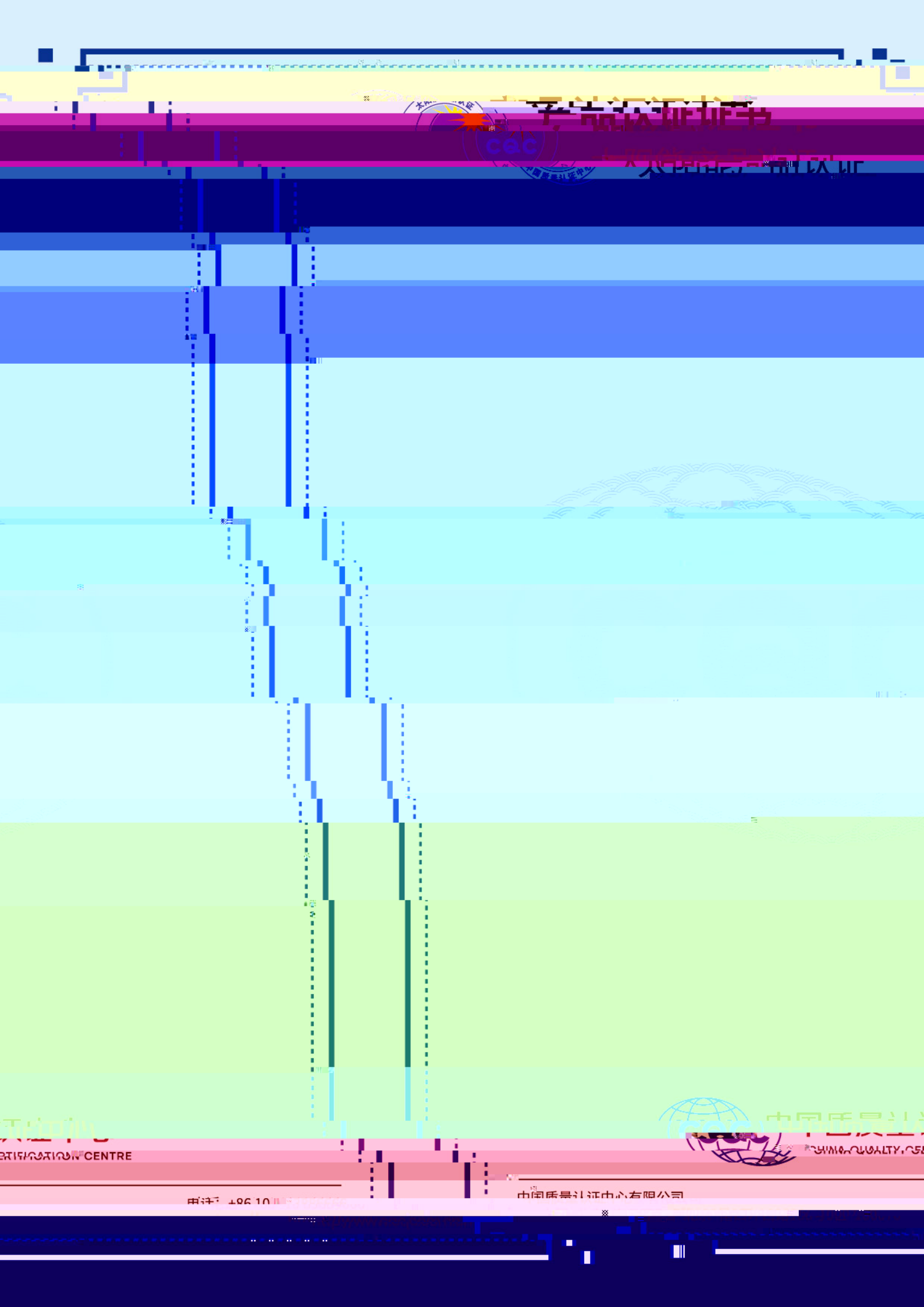
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|---|---|---|---|---|---|---|---|---|
| | BSI | — | — | 20.02 | — | — | | |
| | φ | 100±5% | — | 80±5% | — | 80±5% | | |
| GK-4-66HTBD-625M | STC | 48.51 | 40.63 | 16.28 | 15.41 | 625 | 1500 | 35 |
| | BNPI | 48.61 | 40.73 | 18.05 | 16.97 | 690 | | |
| | BSI | — | — | 20.09 | — | — | | |
| | φ | [redacted] | — | 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 | — | — | | |

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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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| STC | 43.72 | 37.60 | 18.11 | 17.02 |

GK-2-60HTBD-640M

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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 | | |

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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% | | |
| | STC | 56.77 | 47.47 | 16.06 | 15.17 | 720 | | |
| GK-4-78HTBD-720M | BNPI | 56.77 | 47.49 | | | | 1500 | 35 |

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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 |

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

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