

## 1. HOW TO ORDER

| H                 | G                                                    | C                                                                    | 106              | M                | 035                                                                       | T            |
|-------------------|------------------------------------------------------|----------------------------------------------------------------------|------------------|------------------|---------------------------------------------------------------------------|--------------|
| Product Type      | Feature                                              | Case Size                                                            | Capacitance Code | Tolerance        | DC Voltage                                                                | Packing Type |
| H Means HKT Brand | G : General Purpose<br>L: High Frequency and Low ESR | A3.2*1.6<br>B3.5*2.8<br>C6.0*3.2<br>D7.3*4.3<br>E7.3*4.3<br>V7.3*6.1 | 106=10uF         | K=±10%<br>M=±20% | 004=4V<br>006=6.3V<br>010=10V<br>020=20V<br>025=25V<br>035=35V<br>050=50V | T=Tape Reel  |

## 2. TECHNICAL SPECIFICATIONS

Technical Data: All technical data relate to an ambient temperature of +25℃

|                                    |                                                                                                          |     |     |     |    |    |    |    |    |    |
|------------------------------------|----------------------------------------------------------------------------------------------------------|-----|-----|-----|----|----|----|----|----|----|
| Capacitance Range:                 | 0.1 μF to 2200 μF                                                                                        |     |     |     |    |    |    |    |    |    |
| Capacitance Tolerance:             | ±10%; ±20%                                                                                               |     |     |     |    |    |    |    |    |    |
| Rated Voltage (V <sub>R</sub> )    | +85℃:                                                                                                    | 2.5 | 4   | 6.3 | 10 | 16 | 20 | 25 | 35 | 50 |
| Category Voltage (V <sub>C</sub> ) | +125℃:                                                                                                   | 1.7 | 2.7 | 4   | 7  | 10 | 13 | 17 | 23 | 33 |
| Surge Voltage (V <sub>S</sub> )    | +85℃:                                                                                                    | 3.3 | 5.2 | 8   | 13 | 20 | 26 | 32 | 46 | 65 |
| Surge Voltage (V <sub>S</sub> )    | +125℃:                                                                                                   | 2.2 | 3.4 | 5   | 8  | 13 | 16 | 20 | 28 | 40 |
| Temperature Range:                 | -55℃ to +125℃                                                                                            |     |     |     |    |    |    |    |    |    |
| Reliability:                       | 1% per 1000 hours at 85℃, V <sub>R</sub> with 0.1Ω/V <sub>R</sub> series impedance, 60% confidence level |     |     |     |    |    |    |    |    |    |
| Qualification:                     | CECC 30801 - 005 issue 2<br>EIA 535BAAC                                                                  |     |     |     |    |    |    |    |    |    |
|                                    | Meets requirements of AEC-Q200                                                                           |     |     |     |    |    |    |    |    |    |

### 3. CAPACITANCE AND RATED VOLTAGE, $V_R$ (VOLTAGE CODE) RANGE (LETTER DENOTES CASE SIZE)

| Capacitance          |                   | Rated voltage DC ( $V_R$ ) to 85°C |                                  |                           |                                      |                                         |                       |                     |                                  |                   |
|----------------------|-------------------|------------------------------------|----------------------------------|---------------------------|--------------------------------------|-----------------------------------------|-----------------------|---------------------|----------------------------------|-------------------|
| $\mu F$              | Code              | 2.5V (e)                           | 4V (G)                           | 6.3V (J)                  | 10V (A)                              | 16V (C)                                 | 20V (D)               | 25V (E)             | 35V (V)                          | 50V (T)           |
| 0.10<br>0.15<br>0.22 | 104<br>154<br>224 |                                    |                                  |                           |                                      |                                         |                       |                     | A<br>A<br>A                      | A<br>A/B<br>A/B   |
| 0.33<br>0.47<br>0.68 | 334<br>474<br>684 |                                    |                                  |                           |                                      |                                         | A                     | A<br>A              | A<br>A/B<br>A/B                  | B<br>B/C<br>B/C   |
| 1.0<br>1.5<br>2.2    | 105<br>155<br>225 |                                    |                                  | A                         | A<br>A                               | A A<br>A/B                              | A A<br>A/B            | A<br>A/B<br>A/B     | A/B<br>A/B/C<br>A/B/C            | B/C<br>C/D<br>C/D |
| 3.3<br>4.7<br>6.8    | 335<br>475<br>685 |                                    | A<br>A                           | A A<br>A/B                | A<br>A/B<br>A/B                      | A/B<br>A/B<br>A/B/C                     | A/B<br>A/B/C<br>A/B/C | A/B/C<br>B/C<br>B/C | B/C<br>B/C/D<br>C/D              | C/D<br>D<br>D     |
| 10<br>15<br>22       | 106<br>156<br>226 |                                    | A<br>A/B<br>A                    | A/B<br>A/B<br>A/B/C       | A/B/C<br>A/B/C<br>A/B/C              | A/B/C<br>A <sup>(M)</sup> /B/C<br>B/C/D | B/C<br>B/C/D<br>B/C/D | C/D<br>C/D<br>C/D   | C/D/E<br>C/D<br>D/E              | D/E<br>E<br>V     |
| 33<br>47<br>68       | 336<br>476<br>686 | A<br>A                             | A/B<br>A/B<br>B/C                | A/B/C<br>A/B/C/D<br>B/C/D | A/B/C/D<br>B/C/D<br>B/C/D            | B/C/D<br>C/D<br>C/D                     | C/D<br>C/D/E<br>D/E   | D/E<br>D/E<br>E/V   | D/E/V<br>E/V<br>V <sup>(M)</sup> |                   |
| 100<br>150<br>220    | 107<br>157<br>227 | B B<br>B/D                         | B/C B/C<br>B <sup>(M)</sup> /C/D | B/C/D<br>C/D<br>C/D/E     | B <sup>(M)</sup> /C/D/E<br>C/D/E D/E | D/E<br>D/E/V<br>D/E/V                   | D/E/V<br>E/V          | V                   |                                  |                   |
| 330<br>470<br>680    | 337<br>477<br>687 | D<br>C/D<br>D/E                    | C/D/E<br>D/E<br>D/E              | C/D/E<br>D/E/V<br>E/V     | D/E/V<br>E/V<br>V                    | E/V                                     |                       |                     |                                  |                   |
| 1000<br>1500<br>2200 | 108<br>158<br>228 | D <sup>(M)</sup> /E<br>D/E/V<br>V  | D/E/V<br>E/V <sup>(M)</sup>      | V <sup>(M)</sup>          |                                      |                                         |                       |                     |                                  |                   |

Non preferred Ratings - not recommended for new designs,  
higher voltage or smaller case size substitution are offered.

Developmental Ratings - subject to change.

Released codes (M tolerance only)

Note: Voltage ratings are minimum values.

higher ratings in the same case size, to the same reliability standards.

### 4. CASE DIMENSIONS: millimeters (inches)

|  | Code | EIA Code | L $\pm 0.20$ (0.008) | W $\pm 0.20$ (0.008)<br>-0.10(0.004) | H $\pm 0.20$ (0.008)<br>-0.10(0.004)    | W <sub>1</sub> $\pm 0.20$ (0.008) | A $\pm 0.30$ (0.012)<br>-0.20(0.008) | S Min.      |
|--|------|----------|----------------------|--------------------------------------|-----------------------------------------|-----------------------------------|--------------------------------------|-------------|
|  | A    | 3216-18  | 3.20(0.126)          | 1.60(0.063)                          | 1.60(0.063)                             | 1.20(0.047)                       | 0.80(0.031)                          | 1.80(0.071) |
|  | B    | 3528-21  | 3.50(0.138)          | 2.80(0.110)                          | 1.90(0.075)                             | 2.20(0.087)                       | 0.80(0.031)                          | 1.40(0.055) |
|  | C    | 6032-28  | 6.00(0.236)          | 3.20(0.126)                          | 2.60(0.102)                             | 2.20(0.087)                       | 1.30(0.051)                          | 2.90(0.114) |
|  | D    | 7343-31  | 7.30(0.287)          | 4.30(0.169)                          | 2.90(0.114)                             | 2.40(0.094)                       | 1.30(0.051)                          | 4.40(0.173) |
|  | E    | 7343-43  | 7.30(0.287)          | 4.30(0.169)                          | 4.10(0.162)                             | 2.40(0.094)                       | 1.30(0.051)                          | 4.40(0.173) |
|  | V    | 7361-38  | 7.30(0.287)          | 6.10(0.240)                          | 3.45 $\pm 0.30$<br>(0.136 $\pm 0.012$ ) | 3.10(0.120)                       | 1.40(0.055)                          | 4.40(0.173) |

For part marking see page 157

W<sub>1</sub> dimension applies to the termination width for A dimensional area only.

## 5. RATINGS & PART NUMBER REFERENCE

| HKT PartNo. | Case Size | Capacitance (μF) | Rated Voltage (V) | DCL (μA) Max. | DF % Max. | ESR Max. (Ω) @100kHz |
|-------------|-----------|------------------|-------------------|---------------|-----------|----------------------|
| A476*002    | A         | 47               | 2.5               | 0.9           | 6         | 3                    |
| A686*002    | A         | 68               | 2.5               | 1.4           | 8         | 1.5                  |
| B107*002    | B         | 100              | 2.5               | 2.5           | 8         | 1.4                  |
| B157*002    | B         | 150              | 2.5               | 3             | 10        | 1.6                  |
| B227*002    | B         | 220              | 2.5               | 4.4           | 16        | 1.6                  |
| D227*002    | D         | 220              | 2.5               | 5.5           | 8         | 0.3                  |
| D337*002    | D         | 330              | 2.5               | 8.2           | 8         | 0.3                  |
| C477*002    | C         | 470              | 2.5               | 9.4           | 12        | 0.2                  |
| D477*002    | D         | 470              | 2.5               | 11.6          | 8         | 0.2                  |
| D687*002    | D         | 680              | 2.5               | 17            | 16        | 0.2                  |
| E687*002    | E         | 680              | 2.5               | 17            | 10        | 0.2                  |
| D108*002    | D         | 1000             | 2.5               | 25            | 20        | 0.2                  |
| E108*002    | E         | 1000             | 2.5               | 20            | 14        | 0.4                  |
| D158*002    | D         | 1500             | 2.5               | 37.5          | 60        | 0.2                  |
| E158*002    | E         | 1500             | 2.5               | 37            | 20        | 0.2                  |
| V158*002    | V         | 1500             | 2.5               | 30            | 20        | 0.2                  |
| V228*002    | V         | 2200             | 2.5               | 55            | 50        | 0.2                  |
| A336*004    | A         | 33               | 4                 | 1.3           | 6         | 3                    |
| A476*004    | A         | 47               | 4                 | 1.9           | 8         | 2.6                  |
| B686*004    | B         | 68               | 4                 | 2.7           | 6         | 1.8                  |
| B107*004    | B         | 100              | 4                 | 4             | 8         | 0.9                  |
| B157*004    | B         | 150              | 4                 | 6             | 8         | 1.5                  |
| C157*004    | C         | 150              | 4                 | 6             | 6         | 0.3                  |
| B227*004    | B         | 220              | 4                 | 8.8           | 12        | 1.1                  |
| C227*004    | C         | 220              | 4                 | 8.8           | 8         | 1.2                  |
| D227*004    | D         | 220              | 4                 | 8.8           | 8         | 0.9                  |
| C337*004    | C         | 330              | 4                 | 13.2          | 8         | 0.9                  |
| D337*004    | D         | 330              | 4                 | 13.2          | 8         | 0.9                  |
| D477*004    | D         | 470              | 4                 | 18.8          | 12        | 0.9                  |
| E477*004    | E         | 470              | 4                 | 18.8          | 10        | 0.5                  |
| D687*004    | D         | 680              | 4                 | 27.2          | 14        | 0.5                  |
| E687*004    | E         | 680              | 4                 | 27.2          | 14        | 0.9                  |
| D108*004    | D         | 1000             | 4                 | 40            | 60        | 0.2                  |
| E108*004    | E         | 1000             | 4                 | 40            | 14        | 0.4                  |
| V108*004    | V         | 1000             | 4                 | 40            | 16        | 0.4                  |
| E158*004    | E         | 1500             | 4                 | 60            | 30        | 0.2                  |
| V158*004    | V         | 1500             | 4                 | 60            | 30        | 0.2                  |
| A106*006    | A         | 10               | 6.3               | 0.6           | 6         | 4                    |
| A156*006    | A         | 15               | 6.3               | 0.9           | 6         | 3.5                  |
| A226*006    | A         | 22               | 6.3               | 1.4           | 6         | 3                    |
| A336*006    | A         | 33               | 6.3               | 2.1           | 8         | 2.5                  |
| A476*006    | A         | 47               | 6.3               | 2.8           | 10        | 1.6                  |
| B476*006    | B         | 47               | 6.3               | 3             | 6         | 2                    |
| C476*006    | C         | 47               | 6.3               | 3             | 6         | 1.6                  |
| B686*006    | B         | 68               | 6.3               | 4             | 8         | 0.9                  |
| C686*006    | C         | 68               | 6.3               | 4.3           | 6         | 1.5                  |
| B107*006    | B         | 100              | 6.3               | 6.3           | 10        | 1.7                  |
| C107*006    | C         | 100              | 6.3               | 6.3           | 6         | 0.9                  |
| C157*006    | C         | 150              | 6.3               | 9.5           | 6         | 1.3                  |
| D157*006    | D         | 150              | 6.3               | 9.5           | 6         | 0.9                  |
| C227*006    | C         | 220              | 6.3               | 13.9          | 8         | 1.2                  |
| D227*006    | D         | 220              | 6.3               | 13.9          | 8         | 0.9                  |
| E227*006    | E         | 220              | 6.3               | 13.9          | 8         | 0.9                  |
| D337*006    | D         | 330              | 6.3               | 20.8          | 8         | 0.4                  |
| E337*006    | E         | 330              | 6.3               | 20.8          | 8         | 0.4                  |
| D477*006    | D         | 470              | 6.3               | 28            | 12        | 0.4                  |
| E477*006    | E         | 470              | 6.3               | 28            | 10        | 0.4                  |

| HKT PartNo. | Case Size | Capacitance (μF) | Rated Voltage (V) | DCL (μA) Max. | DF % Max. | ESR Max. (Ω) @100kHz |
|-------------|-----------|------------------|-------------------|---------------|-----------|----------------------|
| V477*006    | V         | 470              | 6.3               | 28            | 10        | 0.4                  |
| E687*006    | E         | 680              | 6.3               | 42.8          | 10        | 0.5                  |
| V687*006    | V         | 680              | 6.3               | 42.8          | 10        | 0.5                  |
| V108*006    | V         | 1000             | 6.3               | 63            | 16        | 0.4                  |
| A475*010    | A         | 4.7              | 10                | 0.5           | 6         | 5                    |
| A685*010    | A         | 6.8              | 10                | 0.7           | 6         | 4                    |
| A106*010    | A         | 10               | 10                | 1             | 6         | 3                    |
| A156*010    | A         | 15               | 10                | 1.5           | 6         | 3.2                  |
| B156*010    | B         | 15               | 10                | 1.5           | 6         | 2.8                  |
| A226*010    | A         | 22               | 10                | 2.2           | 8         | 3                    |
| B226*010    | B         | 22               | 10                | 2.2           | 6         | 2.4                  |
| A336*010    | A         | 33               | 10                | 3.3           | 8         | 1.7                  |
| B336*010    | B         | 33               | 10                | 3.3           | 6         | 1.8                  |
| C336*010    | C         | 33               | 10                | 3.3           | 6         | 1.6                  |
| B476*010    | B         | 47               | 10                | 4.7           | 8         | 1                    |
| C476*010    | C         | 47               | 10                | 4.7           | 6         | 1.2                  |
| B686*010    | B         | 68               | 10                | 6.8           | 6         | 1.4                  |
| C686*010    | C         | 68               | 10                | 6.8           | 6         | 1.3                  |
| B107*010    | B         | 100              | 10                | 10            | 8         | 1.4                  |
| C107*010    | C         | 100              | 10                | 10            | 8         | 1.2                  |
| D107*010    | D         | 100              | 10                | 10            | 6         | 0.9                  |
| C157*010    | C         | 150              | 10                | 15            | 8         | 0.9                  |
| D157*010    | D         | 150              | 10                | 15            | 6         | 0.9                  |
| E157*010    | E         | 150              | 10                | 15            | 8         | 0.9                  |
| D227*010    | D         | 220              | 10                | 22            | 8         | 0.5                  |
| E227*010    | E         | 220              | 10                | 22            | 8         | 0.5                  |
| D337*010    | D         | 330              | 10                | 33            | 8         | 0.9                  |
| E337*010    | E         | 330              | 10                | 33            | 8         | 0.9                  |
| V337*010    | V         | 330              | 10                | 33            | 10        | 0.9                  |
| E477*010    | E         | 470              | 10                | 47            | 10        | 0.5                  |
| V477*010    | V         | 470              | 10                | 47            | 10        | 0.5                  |
| A225*016    | A         | 2.2              | 16                | 0.5           | 6         | 6.5                  |
| A335*016    | A         | 3.3              | 16                | 0.5           | 6         | 5                    |
| B335*016    | B         | 3.3              | 16                | 0.5           | 6         | 4.5                  |
| A475*016    | A         | 4.7              | 16                | 0.8           | 6         | 4                    |
| B475*016    | B         | 4.7              | 16                | 0.8           | 6         | 3.5                  |
| A685*016    | A         | 6.8              | 16                | 1.1           | 6         | 3.5                  |
| B685*016    | B         | 6.8              | 16                | 1.1           | 6         | 2.5                  |
| A106*016    | A         | 10               | 16                | 1.6           | 8         | 3                    |
| B106*016    | B         | 10               | 16                | 1.6           | 6         | 2.8                  |
| C106*016    | C         | 10               | 16                | 1.6           | 6         | 2                    |
| A156*016    | A         | 15               | 16                | 2.4           | 6         | 2                    |
| B156*016    | B         | 15               | 16                | 2.4           | 6         | 2.5                  |
| C156*016    | C         | 15               | 16                | 2.4           | 6         | 1.8                  |
| B226*016    | B         | 22               | 16                | 3.5           | 6         | 2.3                  |
| C226*016    | C         | 22               | 16                | 3.5           | 6         | 1.6                  |
| D226*016    | D         | 22               | 16                | 3.5           | 6         | 1.1                  |
| B336*016    | B         | 33               | 16                | 5.3           | 8         | 2.1                  |
| C336*016    | C         | 33               | 16                | 5.3           | 6         | 1.5                  |
| D336*016    | D         | 33               | 16                | 5.3           | 6         | 0.9                  |
| C476*016    | C         | 47               | 16                | 7.5           | 6         | 1.4                  |
| D476*016    | D         | 47               | 16                | 7.5           | 6         | 0.9                  |
| C686*016    | C         | 68               | 16                | 10.9          | 6         | 1.3                  |
| D686*016    | D         | 68               | 16                | 10.9          | 6         | 0.9                  |
| D107*016    | D         | 100              | 16                | 16            | 6         | 0.9                  |
| E107*016    | E         | 100              | 16                | 16            | 6         | 0.9                  |
| D157*016    | D         | 150              | 16                | 24            | 6         | 0.9                  |

## RATINGS & PART NUMBER REFERENCE

| HKT Part No. | Case Size | Capacitance (μF) | Rated Voltage (V) | DCL (μA) Max. | DF % Max. | ESR Max. (Ω) @100kHz |
|--------------|-----------|------------------|-------------------|---------------|-----------|----------------------|
| E157*016     | E         | 150              | 16                | 24            | 8         | 0.3                  |
| V157*016     | V         | 150              | 16                | 24            | 8         | 0.5                  |
| E227*016     | E         | 220              | 16                | 35.2          | 10        | 0.5                  |
| V227*016     | V         | 220              | 16                | 35.2          | 8         | 0.9                  |
| A105*020     | A         | 1                | 20                | 0.5           | 4         | 9                    |
| A155*020     | A         | 1.5              | 20                | 0.5           | 6         | 6.5                  |
| A225*020     | A         | 2.2              | 20                | 0.5           | 6         | 5.3                  |
| B225*020     | B         | 2.2              | 20                | 0.5           | 6         | 3.5                  |
| A335*020     | A         | 3.3              | 20                | 0.7           | 6         | 4.5                  |
| B335*020     | B         | 3.3              | 20                | 0.7           | 6         | 3                    |
| A475*020     | A         | 4.7              | 20                | 0.9           | 6         | 4                    |
| B475*020     | B         | 4.7              | 20                | 0.9           | 6         | 3                    |
| A685*020     | A         | 6.8              | 20                | 1.4           | 6         | 2.5                  |
| B685*020     | B         | 6.8              | 20                | 1.4           | 6         | 2.5                  |
| C685*020     | C         | 6.8              | 20                | 1.4           | 6         | 2                    |
| B106*020     | B         | 10               | 20                | 2             | 6         | 2.1                  |
| C106*020     | C         | 10               | 20                | 2             | 6         | 1.9                  |
| B156*020     | B         | 15               | 20                | 3             | 6         | 2                    |
| C156*020     | C         | 15               | 20                | 3             | 6         | 1.7                  |
| B226*020     | B         | 22               | 20                | 4.4           | 6         | 1.8                  |
| C226*020     | C         | 22               | 20                | 4.4           | 6         | 1.6                  |
| D226*020     | D         | 22               | 20                | 4.4           | 6         | 0.9                  |
| C336*020     | C         | 33               | 20                | 6.6           | 6         | 1.5                  |
| D336*020     | D         | 33               | 20                | 6.6           | 6         | 0.9                  |
| C476*020     | C         | 47               | 20                | 9.4           | 6         | 0.9                  |
| D476*020     | D         | 47               | 20                | 9.4           | 6         | 0.9                  |
| E476*020     | E         | 47               | 20                | 9.4           | 6         | 0.9                  |
| D686*020     | D         | 68               | 20                | 13.6          | 6         | 0.9                  |
| E686*020     | E         | 68               | 20                | 13.6          | 6         | 0.9                  |
| D107*020     | D         | 100              | 20                | 20            | 6         | 0.9                  |
| E107*020     | E         | 100              | 20                | 20            | 6         | 0.9                  |
| V107*020     | V         | 100              | 20                | 20            | 8         | 0.9                  |
| E157*020     | E         | 150              | 20                | 30            | 8         | 0.3                  |
| V157*020     | V         | 150              | 20                | 30            | 8         | 0.5                  |
| A474*025     | A         | 0.47             | 25                | 0.5           | 4         | 14                   |
| A684*025     | A         | 0.68             | 25                | 0.5           | 4         | 10                   |
| A105*025     | A         | 1                | 25                | 0.5           | 4         | 8                    |
| A155*025     | A         | 1.5              | 25                | 0.5           | 6         | 7.5                  |
| B155*025     | B         | 1.5              | 25                | 0.5           | 6         | 5                    |
| A225*025     | A         | 2.2              | 25                | 0.6           | 6         | 7                    |
| B225*025     | B         | 2.2              | 25                | 0.6           | 6         | 4.5                  |
| A335*025     | A         | 3.3              | 25                | 0.8           | 6         | 3.7                  |
| B335*025     | B         | 3.3              | 25                | 0.8           | 6         | 3.5                  |
| B475*025     | B         | 4.7              | 25                | 1.2           | 6         | 2.8                  |
| B685*025     | B         | 6.8              | 25                | 1.7           | 6         | 2.8                  |
| C685*025     | C         | 6.8              | 25                | 1.7           | 6         | 2                    |
| C106*025     | C         | 10               | 25                | 2.5           | 6         | 1.8                  |
| D106*025     | D         | 10               | 25                | 2.5           | 6         | 1.2                  |
| C156*025     | C         | 15               | 25                | 3.8           | 6         | 1.6                  |
| D156*025     | D         | 15               | 25                | 3.8           | 6         | 1                    |
| C226*025     | C         | 22               | 25                | 5.5           | 6         | 1.4                  |
| D226*025     | D         | 22               | 25                | 5.5           | 6         | 0.9                  |
| D336*025     | D         | 33               | 25                | 8.3           | 6         | 0.9                  |
| E336*025     | E         | 33               | 25                | 8.3           | 6         | 0.9                  |
| D476*025     | D         | 47               | 25                | 11.8          | 6         | 0.9                  |
| E476*025     | E         | 47               | 25                | 11.8          | 6         | 0.9                  |
| E686*025     | E         | 68               | 25                | 17            | 6         | 0.9                  |
| V686*025     | V         | 68               | 25                | 17            | 6         | 0.9                  |
| V107*025     | V         | 100              | 25                | 25            | 8         | 0.4                  |
| A104*035     | A         | 0.1              | 35                | 0.5           | 4         | 24                   |

| HKT Part No. | Case Size | Capacitance (μF) | Rated Voltage (V) | DCL (μA) Max. | DF % Max. | ESR Max. (Ω) @100kHz |
|--------------|-----------|------------------|-------------------|---------------|-----------|----------------------|
| A154*035     | A         | 0.15             | 35                | 0.5           | 4         | 21                   |
| A224*035     | A         | 0.22             | 35                | 0.5           | 4         | 18                   |
| A334*035     | A         | 0.33             | 35                | 0.5           | 4         | 15                   |
| A474*035     | A         | 0.47             | 35                | 0.5           | 4         | 12                   |
| B474*035     | B         | 0.47             | 35                | 0.5           | 4         | 10                   |
| A684*035     | A         | 0.68             | 35                | 0.5           | 4         | 8                    |
| B684*035     | B         | 0.68             | 35                | 0.5           | 4         | 8                    |
| A105*035     | A         | 1                | 35                | 0.5           | 4         | 7.5                  |
| B105*035     | B         | 1                | 35                | 0.5           | 4         | 6.5                  |
| A155*035     | A         | 1.5              | 35                | 0.5           | 6         | 7.5                  |
| B155*035     | B         | 1.5              | 35                | 0.5           | 6         | 5.2                  |
| C155*035     | C         | 1.5              | 35                | 0.5           | 6         | 4.5                  |
| A225*035     | A         | 2.2              | 35                | 0.8           | 6         | 4.5                  |
| B225*035     | B         | 2.2              | 35                | 0.8           | 6         | 4.2                  |
| C225*035     | C         | 2.2              | 35                | 0.8           | 6         | 3.5                  |
| B335*035     | B         | 3.3              | 35                | 1.2           | 6         | 3.5                  |
| C335*035     | C         | 3.3              | 35                | 1.2           | 6         | 2.5                  |
| B475*035     | B         | 4.7              | 35                | 1.2           | 6         | 3.1                  |
| C475*035     | C         | 4.7              | 35                | 1.6           | 6         | 2.2                  |
| D475*035     | D         | 4.7              | 35                | 1.6           | 6         | 1.5                  |
| C685*035     | C         | 6.8              | 35                | 2.4           | 6         | 1.8                  |
| D685*035     | D         | 6.8              | 35                | 2.4           | 6         | 1.3                  |
| C106*035     | C         | 10               | 35                | 3.5           | 6         | 1.6                  |
| D106*035     | D         | 10               | 35                | 3.5           | 6         | 1                    |
| E106*035     | E         | 10               | 35                | 3.5           | 6         | 0.9                  |
| C156*035     | C         | 15               | 35                | 5.3           | 6         | 1.4                  |
| D156*035     | D         | 15               | 35                | 5.3           | 6         | 0.9                  |
| D226*035     | D         | 22               | 35                | 7.7           | 6         | 0.9                  |
| E226*035     | E         | 22               | 35                | 7.7           | 6         | 0.9                  |
| D336*035     | D         | 33               | 35                | 11.6          | 6         | 0.9                  |
| E336*035     | E         | 33               | 35                | 11.6          | 6         | 0.9                  |
| V336*035     | V         | 33               | 35                | 11.6          | 6         | 500                  |
| E476*035     | E         | 47               | 35                | 16.5          | 6         | 0.9                  |
| V476*035     | V         | 47               | 35                | 16.5          | 6         | 0.4                  |
| V686*035     | V         | 68               | 35                | 23.8          | 6         | 0.5                  |
| A104*050     | A         | 0.1              | 50                | 0.5           | 4         | 22                   |
| A154*050     | A         | 0.15             | 50                | 0.5           | 4         | 15                   |
| B154*050     | B         | 0.15             | 50                | 0.5           | 4         | 17                   |
| A224*050     | A         | 0.22             | 50                | 0.5           | 4         | 18                   |
| B224*050     | B         | 0.22             | 50                | 0.5           | 4         | 14                   |
| B334*050     | B         | 0.33             | 50                | 0.5           | 4         | 12                   |
| B474*050     | B         | 0.47             | 50                | 0.7           | 4         | 9.5                  |
| C474*050     | C         | 0.47             | 50                | 0.5           | 4         | 8                    |
| B684*050     | B         | 0.68             | 50                | 0.5           | 4         | 8                    |
| C684*050     | C         | 0.68             | 50                | 0.5           | 4         | 7                    |
| B105*050     | B         | 1                | 50                | 0.5           | 4         | 7                    |
| C105*050     | C         | 1                | 50                | 0.5           | 4         | 5.5                  |
| C155*050     | C         | 1.5              | 50                | 0.8           | 6         | 4.5                  |
| D155*050     | D         | 1.5              | 50                | 0.8           | 6         | 4                    |
| C225*050     | C         | 2.2              | 50                | 1.1           | 6         | 3                    |
| D225*050     | D         | 2.2              | 50                | 1.1           | 6         | 2.5                  |
| C335*050     | C         | 3.3              | 50                | 1.7           | 6         | 2.5                  |
| D335*050     | D         | 3.3              | 50                | 1.7           | 6         | 2                    |
| D475*050     | D         | 4.7              | 50                | 2.4           | 6         | 1.4                  |
| D685*050     | D         | 6.8              | 50                | 3.4           | 6         | 1                    |
| D106*050     | D         | 10               | 50                | 5             | 6         | 0.8                  |
| E106*050     | E         | 10               | 50                | 5             | 6         | 1                    |
| E156*050     | E         | 15               | 50                | 7.5           | 6         | 0.6                  |
| V226*050     | V         | 22               | 50                | 11            | 8         | 0.6                  |