

Note:

1. Material: Insulator: PA66+30% G/F UL94V-0
Terminal: Copper alloy

2. Contact:

5011TCBTH**:

Tin Plated 120 u" over Ni 30 u" min

5011TCBSH** :

Silver Plated 80~120 u" over Ni 30 u" min

Ordering Information:

5011P $\frac{**}{1}$ $\frac{H}{2}$ $\frac{**}{3}$ $\frac{**}{4}$

1. No. of circuits

2. Type:

H=Normal type R=Reverse type

3. Terminal:

T=Assemble terminal 5011TCBTHC*

L=Assemble terminal 5011TCBTHD*

J=Assemble terminal 5011TCBTHC*

With special layout

G=Assemble terminal 5011TCBTHD*

With special layout

C=Assemble terminal 5011TCBSHC*

D=Assemble terminal 5011TCBSHD*

K=Assemble terminal 5011TCBSHC*

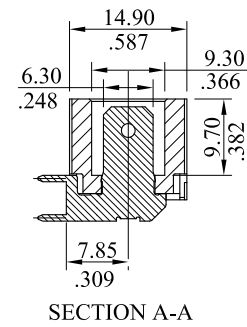
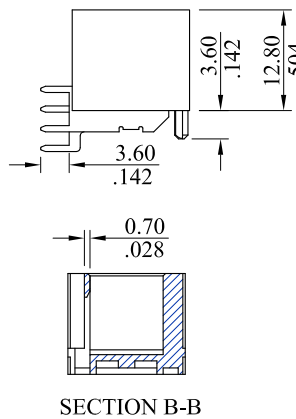
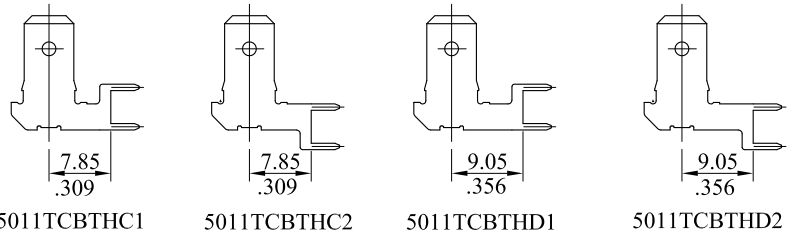
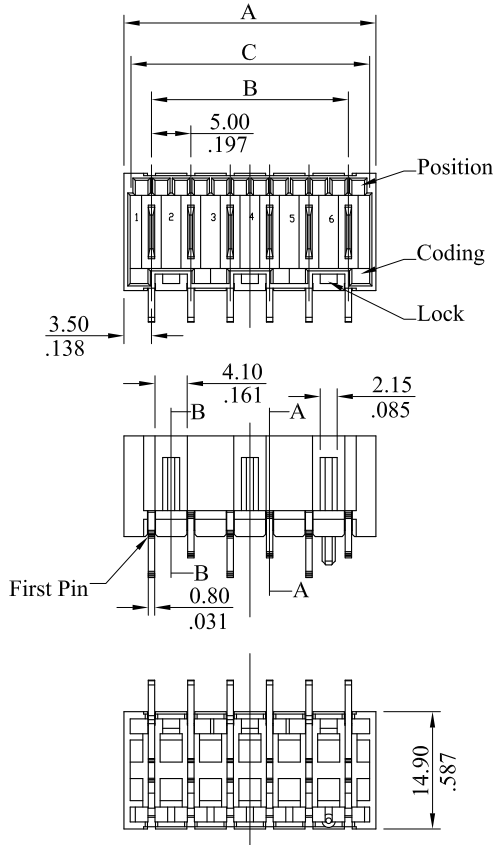
With special layout

Z=Assemble terminal 5011TCBSHD*

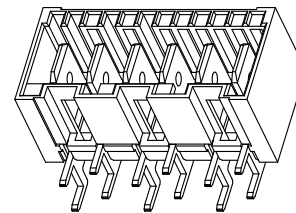
With special layout

4. See the Table of next page.

RoHS COMPLIANT



| | | | |
|----------|-------------|-------------|-------------|
| 12 | 62.0(2.441) | 55.0(2.165) | 60.2(2.370) |
| 11 | 57.0(2.244) | 50.0(1.969) | 55.2(2.173) |
| 10 | 52.0(2.047) | 45.0(1.712) | 50.2(1.975) |
| 9 | 47.0(1.850) | 40.0(1.575) | 45.2(1.780) |
| 8 | 42.0(1.654) | 35.0(1.378) | 40.2(1.583) |
| 7 | 37.0(1.457) | 30.0(1.181) | 35.2(1.386) |
| 6 | 32.0(1.260) | 25.0(.984) | 30.2(1.189) |
| 5 | 27.0(1.063) | 20.0(.787) | 25.2(.992) |
| 4 | 22.0(.886) | 15.0(.591) | 20.2(.795) |
| 3 | 17.0(.669) | 10.0(.394) | 15.2(.598) |
| 2 | 12.0(.472) | 5.0(.197) | 10.2(.402) |
| CIRCUITS | DIM.A | DIM.B | DIM.C |



NORMAL

| | | | | | | | | | | |
|------|----------|------|------|--|-----------|---------------------------------|-------|------|-------|------|
| G | ES101253 | | | <small>www.allconnectors.eu info@allconnectors.eu</small> <small>Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25</small> | APPROVED: | PART NO.: | | | | |
| F | ES101238 | | | | DATE: | 5011P***** | | | | |
| E | ES100901 | | | GENERAL TOLERANCES: (UNLESS SPECIFIED) | CHECKED: | TITLE: | | | | |
| | | | | | DATE: | Wafer | | | | |
| D | ES100717 | | | | DRAWN: | DRAWING NO.: | | | | |
| A | DWG REL | | | | DATE: | 501103S | | | | |
| REV. | ECO. NO. | CHG. | APP. | | | UNITS | SCALE | SIZE | SHEET | REV. |
| | | | | ANGULAR ± (1°) | | $\frac{\text{mm}}{\text{inch}}$ | 1:1 | A4 | 1/7 | G |

Note:

- Material: Insulator: PA66+30% G/F UL94V-0
Terminal: Copper alloy
- Contact:
5011TCBTH**:
Tin Plated 120 u" over Ni 30 u" min
5011TCBSH**:
Silver Plated 80~120 u" over Ni 30 u" min

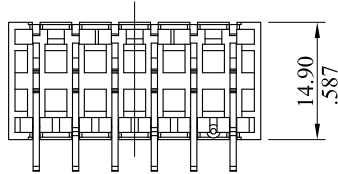
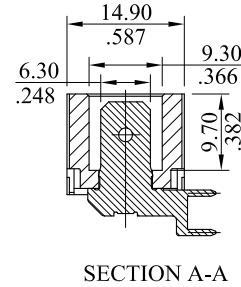
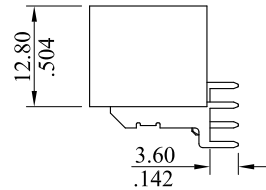
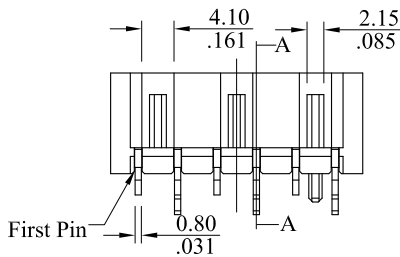
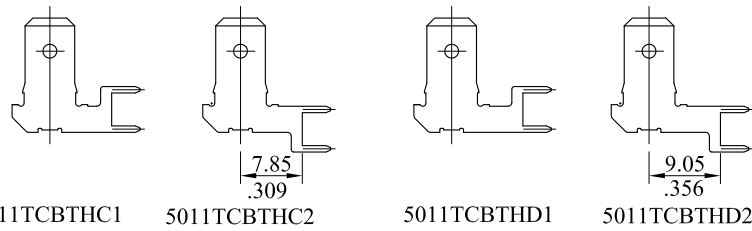
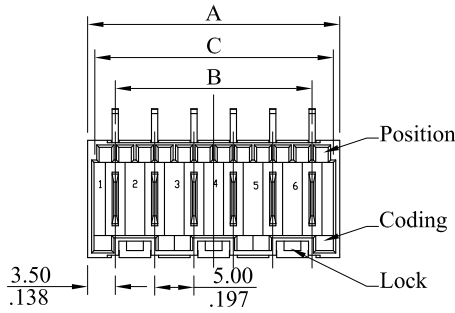
Ordering Information:

5011P $\frac{**}{1}$ $\frac{R}{2}$ $\frac{***}{3}$ $\frac{***}{4}$

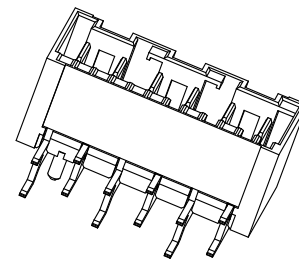
RoHS COMPLIANT

- No. of circuits
- Type:
H=Normal type R=Reverse type
- Terminal:
T=Assemble terminal 5011TCBTHC*
L=Assemble terminal 5011TCBTHD*
J=Assemble terminal 5011TCBTHC*
With special layout
G=Assemble terminal 5011TCBTHD*
With special layout
- See the Table of next page.

- C=Assemble terminal 5011TCBSHC*
- D=Assemble terminal 5011TCBSHD*
- K=Assemble terminal 5011TCBSHC*
With special layout
- Z=Assemble terminal 5011TCBSHD*
With special layout



| | | | |
|----------|-------------|-------------|-------------|
| 12 | 62.0(2.441) | 55.0(2.165) | 60.2(2.370) |
| 11 | 57.0(2.244) | 50.0(1.969) | 55.2(2.173) |
| 10 | 52.0(2.047) | 45.0(1.712) | 50.2(1.975) |
| 9 | 47.0(1.850) | 40.0(1.575) | 45.2(1.780) |
| 8 | 42.0(1.654) | 35.0(1.378) | 40.2(1.583) |
| 7 | 37.0(1.457) | 30.0(1.181) | 35.2(1.386) |
| 6 | 32.0(1.260) | 25.0(.984) | 30.2(1.189) |
| 5 | 27.0(1.063) | 20.0(.787) | 25.2(.992) |
| 4 | 22.0(.886) | 15.0(.591) | 20.2(.795) |
| 3 | 17.0(.669) | 10.0(.394) | 15.2(.598) |
| 2 | 12.0(.472) | 5.0(.197) | 10.2(.402) |
| CIRCUITS | DIM.A | DIM.B | DIM.C |



REVERSE

| | | | | | | | | | | |
|------|----------|------|------|--|---|--------------|------------|------|-------|------|
| G | ES101253 | | | www.allconnectors.eu info@allconnectors.eu Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25 | APPROVED: | PART NO.: | | | | |
| F | ES101238 | | | | GENERAL TOLERANCES: (UNLESS SPECIFIED) | DATE: | 5011P***** | | | |
| E | ES100901 | | | | CHECKED: | TITLE: | | | | |
| D | ES100717 | | | | DATE: | Wafer | | | | |
| A | DWG REL | | | | DRAWN: | DRAWING NO.: | | | | |
| REV. | ECO. NO. | CHG. | APP. | | DATE: | 501103S | | | | |
| | | | | | | UNITS | SCALE | SIZE | SHEET | REV. |
| | | | | | ANGULAR ± (1°) | mm inch | 1:1 | A4 | 2/7 | G |

* See from top side

RoHS COMPLIANT

| | | | | | | | | | | | | | |
|------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|
| TYPE | 0A | 0B | 0C | 0D | 0E | 0F | 0G | 0H | 0I | 0K | 0L | 0M | 0N |
| KEY/LCK 2-way | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 0P | 0Q | 0R | 0S | 0T | 0U | 0X | 0Z | 09 | 10 | 11 | 48 | 80 | 86 |
| | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|------------------|----|----|----|----|----|----|----|----|----|----|----|
| TYPE | 0A | 0B | 0C | 0D | 0E | 0F | 0G | 0H | 0I | 0K | 0L |
| KEY/LCK 3-way | | | | | | | | | | | |

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 0M | 0N | 0Q | 0W | 02 | 03 | 04 | 05 | 10 | 12 | 13 |
| | | | | | | | | | | |

| | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|
| 1A | 2N | 2P | 32 | 38 | 40 | 44 | 53 | 65 | 80 | 81 |
| | | | | | | | | | | |

| |
|----|
| 98 |
| |

| | | | | | | | | | |
|------------------|----|----|----|----|----|----|----|----|----|
| TYPE | 0A | 0B | 0C | 0D | 0E | 0F | 0G | 0H | 0I |
| KEY/LCK 4-way | | | | | | | | | |

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 0J | 0K | 0L | 0M | 0W | 01 | 02 | 03 | 04 |
| | | | | | | | | |

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 05 | 06 | 17 | 19 | 37 | 43 | 63 | 65 | 80 |
| | | | | | | | | |

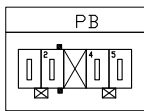
| | | | | | | |
|----|----|----|----|-----------|----|----|
| 81 | 82 | 84 | 86 | GA(Green) | PA | PB |
| | | | | | | |

| | | | | | | | | | | |
|------|----------|------|------|---|----------------------|---------------------|-------|------|-------|------|
| G | ES101253 | | | www.allconnectors.eu info@allconnectors.eu Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25 GENERAL TOLERANCES: (UNLESS SPECIFIED) | APPROVED: | PART NO.: | | | | |
| F | ES101238 | | | | DATE: | 5011P***** | | | | |
| E | ES100901 | | | | CHECKED: | TITLE: | | | | |
| D | ES100717 | | | | DATE: | Wafer | | | | |
| A | DWG REL | | | | DRAWN: | DRAWING NO.: | | | | |
| REV. | ECO. NO. | CHG. | APP. | | DATE: | 501103S | | | | |
| | | | | mm inch 1 PLACE ± 0.30 ± -- 2 PLACES ± 0.20 ± .012 3 PLACES ± 0.10 ± .008 4 PLACES ± -- ± .004 | ANGULAR ± (1°) | UNITS mm inch | SCALE | SIZE | SHEET | REV. |
| | | | | | | 1:1 | A4 | 3/7 | G | |

* See from top side

RoHS COMPLIANT

| | | | | | | | | |
|-------------------|----|----|----|----|----|----|----------|----------|
| TYPE | 0A | 0B | 0C | 0D | 0E | 0F | 0G | 0I |
| KEY/LDCK 5-way | | | | | | | | |
| | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 11 |
| | | | | | | | | |
| | 12 | 13 | 14 | 17 | 18 | 20 | 21 | 22 |
| | | | | | | | | |
| | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| | | | | | | | | |
| | 31 | 32 | 33 | 34 | 35 | 36 | 43 | 49 |
| | | | | | | | | |
| | 50 | 51 | 64 | 69 | 73 | 80 | 81 | 82 |
| | | | | | | | | |
| | 83 | 84 | 85 | 86 | 87 | 88 | B3<Blue> | B4<Blue> |
| | | | | | | | | |



| | | | | | | |
|-------------------|----|----|----|----|----|----|
| TYPE | 0A | 0B | 0C | 0D | 0E | 0I |
| KEY/LDCK 6-way | | | | | | |
| | 04 | 06 | 14 | 15 | 21 | 29 |
| | | | | | | |
| | 30 | 50 | 51 | 73 | 80 | 81 |
| | | | | | | |

| | | | | | | | | | | |
|---|------|----------|------|--|---|------------|--------------|-------|------|--|
| E | G | ES101253 | | www.allconnectors.eu info@allconnectors.eu Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25 | APPROVED: | PART NO.: | | | | |
| | F | ES101238 | | | DATE: | 5011P***** | | | | |
| | E | ES100901 | | | GENERAL TOLERANCES: (UNLESS SPECIFIED) | CHECKED: | TITLE: | | | |
| | D | ES100717 | | | | DATE: | Wafer | | | |
| | A | DWG REL | | | | DRAWN: | DRAWING NO.: | | | |
| | REV. | ECO. NO. | CHG. | | APP. | DATE: | 501103S | | | |
| | | | | ANGULAR ± (1°) | UNITS mm / inch | SCALE | SIZE | SHEET | REV. | |
| | | | | | | 1:1 | A4 | 4/7 | G | |

* See from top side

RoHS COMPLIANT

| | | | | | | |
|-------------------|----|----|----|----|----|----|
| TYPE | 0A | 0B | 1B | 0C | 0E | 03 |
| KEY/LDCK 7-way | | | | | | |
| | 04 | 14 | 22 | 23 | 30 | 31 |
| | | | | | | |
| | 32 | 34 | 35 | 38 | 40 | 41 |
| | | | | | | |
| | 42 | 43 | 45 | 48 | 51 | 59 |
| | | | | | | |
| | 69 | 76 | 80 | 81 | P6 | |
| | | | | | | |

| | | | | | | |
|-------------------|----|----|----|----|----|----|
| TYPE | 0A | 0C | 0D | 08 | 10 | 21 |
| KEY/LDCK 8-way | | | | | | |
| | 30 | 33 | 41 | 44 | 45 | 46 |
| | | | | | | |
| | 48 | 49 | 57 | 58 | 62 | 63 |
| | | | | | | |
| | 77 | 80 | 81 | | | |
| | | | | | | |

| | | | | | |
|-------------------|----|----|----|----|----|
| TYPE | 0A | 0B | 0C | 0D | 08 |
| KEY/LDCK 9-way | | | | | |
| | 31 | 42 | 43 | 48 | 49 |
| | | | | | |
| | 52 | 53 | 57 | 58 | |
| | | | | | |
| | 80 | 81 | | | |
| | | | | | |

| | | | | | | | | | | |
|------|----------|----------|------|--|------------------------|-----------|--------------|-------|------|--|
| G | ES101253 | | | www.allconnectors.eu info@allconnectors.eu Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25 | APPROVED: | PART NO.: | | | | |
| | F | ES101238 | | | | DATE: | 5011P***** | | | |
| | E | ES100901 | | | | CHECKED: | TITLE: | | | |
| | D | ES100717 | | | | DATE: | Wafer | | | |
| | A | DWG REL | | | | DRAWN: | DRAWING NO.: | | | |
| REV. | ECO. NO. | CHG. | APP. | | DATE: | 501103S | | | | |
| | | | | | UNITS mm / inch | SCALE | SIZE | SHEET | REV. | |
| | | | | ANGULAR ± (1°) | | 1:1 | A4 | 5/7 | G | |

* See from top side

RoHS COMPLIANT

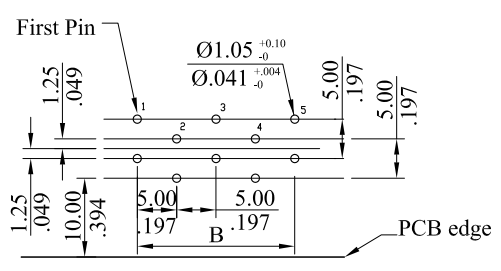
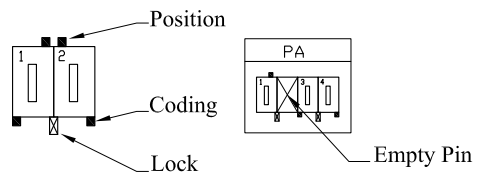
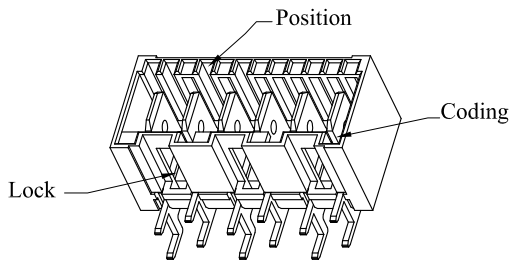
| | | | | |
|--------------------|----|----|----|----|
| TYPE | 0A | 01 | 02 | 30 |
| KEY/LOCK 10-way | | | | |
| | 36 | 46 | 50 | 51 |
| | | | | |
| | 52 | 64 | 70 | 72 |
| | | | | |
| | 74 | 75 | 76 | 80 |
| | | | | |

| | | | | |
|--------------------|----|----|----|----|
| TYPE | 0A | 0B | 0C | 01 |
| KEY/LOCK 11-way | | | | |
| | 13 | 33 | 55 | 60 |
| | | | | |
| | 64 | 80 | | |
| | | | | |

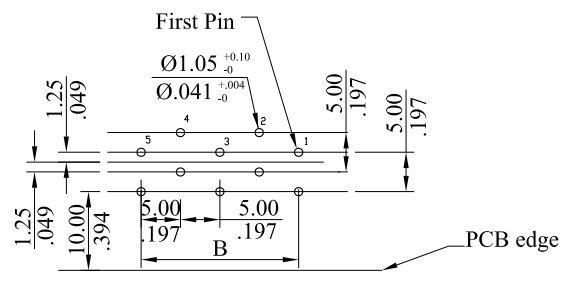
| | | | | |
|--------------------|----|----|----|----|
| TYPE | 27 | 30 | 59 | 65 |
| KEY/LOCK 12-way | | | | |
| | 80 | | | |
| | | | | |

| | | | | | | | | | | |
|------|----------|------|------|--|--------------|------------|-------|------|-------|------|
| G | ES101253 | | | www.allconnectors.eu info@allconnectors.eu Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25 | APPROVED: | PART NO.: | | | | |
| F | ES101238 | | | | DATE: | 5011P***** | | | | |
| E | ES100901 | | | | CHECKED: | TITLE: | | | | |
| D | ES100717 | | | | DATE: | Wafer | | | | |
| A | DWG REL | | | DRAWN: | DRAWING NO.: | | | | | |
| REV. | ECO. NO. | CHG. | APP. | 4 PLACES | DATE: | 501103S | | | | |
| | | | | ANGULAR ± (1°) | | UNITS | SCALE | SIZE | SHEET | REV. |
| | | | | | | mm inch | 1:1 | A4 | 6/7 | G |

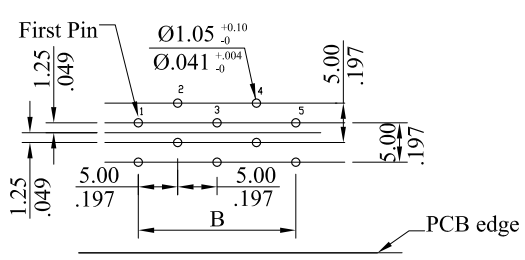
RoHS COMPLIANT



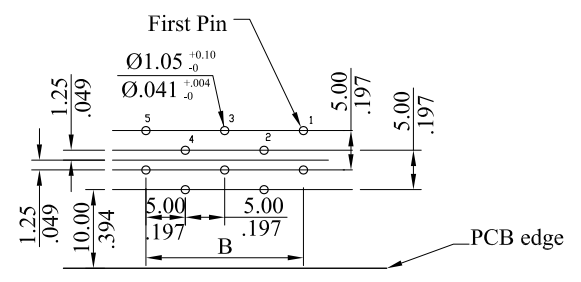
PCB layout for normal
(5011P**HT**/5011P**HL**)



PCB layout for reverse
(5011P**RT**/5011P**RL**)



PCB special layout for normal
(5011P**HJ**/5011P**HG**)



PCB special layout for reverse
(5011P**RJ**/5011P**RG**)

| | | | | | | | | | | |
|------|----------|------|------|--|---|--------------|------------|------|-------|------|
| G | ES101253 | | | www.allconnectors.eu info@allconnectors.eu Tel. +49 (0)711 / 358 110 20 Fax +49 (0)711 / 358 110 25 | APPROVED: | PART NO.: | | | | |
| F | ES101238 | | | | GENERAL TOLERANCES: (UNLESS SPECIFIED) | DATE: | 5011P***** | | | |
| E | ES100901 | | | | CHECKED: | TITLE: | | | | |
| D | ES100717 | | | | DATE: | Wafer | | | | |
| A | DWG REL | | | | DRAWN: | DRAWING NO.: | | | | |
| REV. | ECO. NO. | CHG. | APP. | | DATE: | 501103S | | | | |
| | | | | | | UNITS | SCALE | SIZE | SHEET | REV. |
| | | | | | | mm inch | 1:1 | A4 | 7/7 | G |
| | | | | | ANGULAR ± (°) | | | | | |