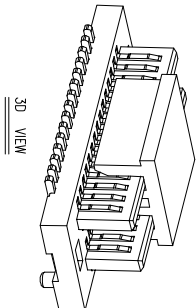
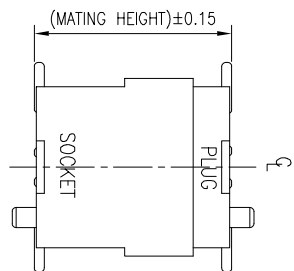
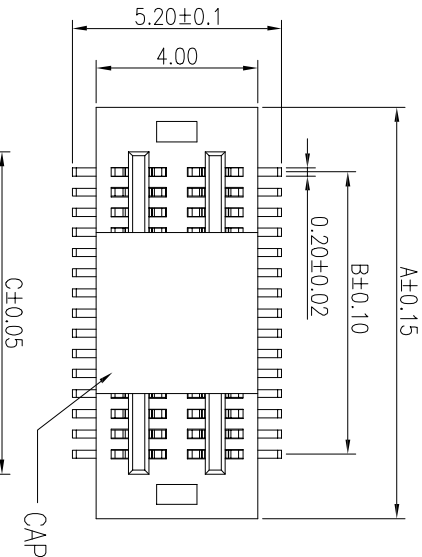


1 2 3 4 5 6 7 8

RoHS COMPLIANT

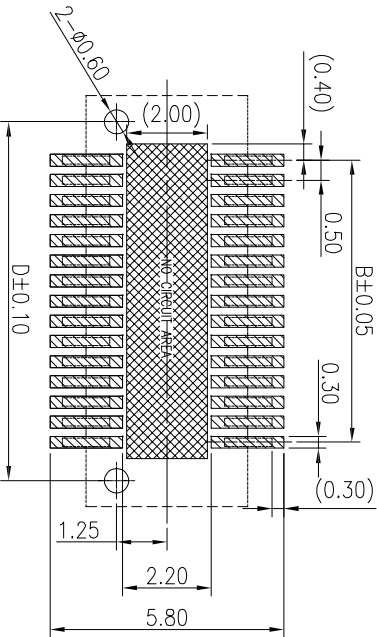
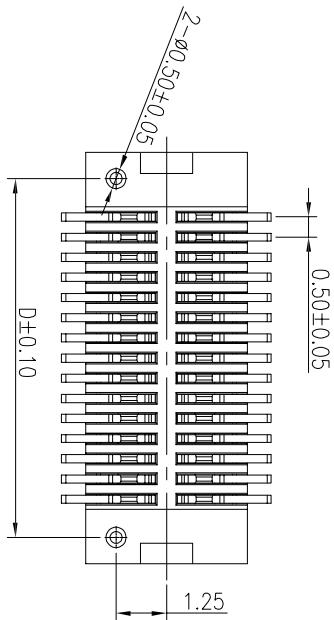
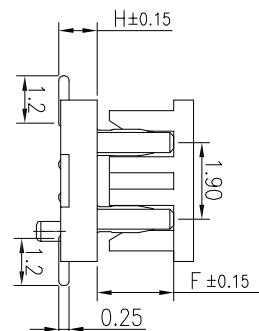
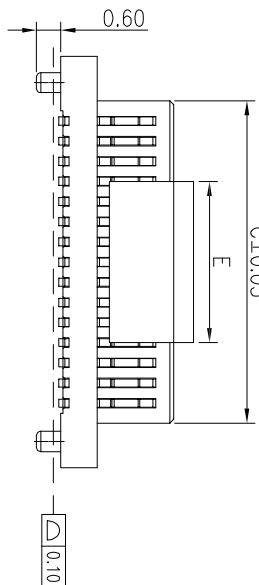


NOTES:
1. HOUSING MATERIAL: PA9T UL94V_0 BLACK.
2. TERMINAL MATERIAL: COPPER ALLOY, GOLD PLATING.
3. PART NO:
MTBT63 - 6 xx G x x - 02A59

PIN NO

0: WITHOUT POST
1: WITH POST

1: MH3.0
2: MH3.5
3: MH4.0
4: MH4.5
5: MH5.0
6: MH5.5
7: MH6.0
8: MH6.5



RECOMMENDED PCB LAYOUT

| NO. of contacts | Dimensions | | | | | NO. of contacts | Dimensions | | | | |
|-----------------|------------|-------|-------|-------|------|-----------------|------------|-------|-------|-------|------|
| | A. | B. | C. | D. | E. | | A. | B. | C. | D. | E. |
| 4 | 3.70 | 0.50 | 1.50 | 2.40 | 4.00 | 54 | 16.20 | 13.00 | 14.00 | 14.90 | 8.00 |
| 6 | 4.20 | 1.00 | 2.00 | 2.90 | | 56 | 16.70 | 13.50 | 14.50 | 15.40 | |
| 8 | 4.70 | 1.50 | 2.50 | 3.40 | | 58 | 17.20 | 14.00 | 15.00 | 15.90 | |
| 10 | 5.20 | 2.00 | 3.00 | 3.90 | | 60 | 17.70 | 14.50 | 15.50 | 16.40 | |
| 12 | 5.70 | 2.50 | 3.50 | 4.40 | 4.00 | 62 | 18.20 | 15.00 | 16.00 | 16.90 | 8.00 |
| 14 | 6.20 | 3.00 | 4.00 | 4.90 | | 64 | 18.70 | 15.50 | 16.50 | 17.40 | |
| 16 | 6.70 | 3.50 | 4.50 | 5.40 | | 66 | 19.20 | 16.00 | 17.00 | 17.90 | |
| 18 | 7.20 | 4.00 | 5.00 | 5.90 | | 68 | 19.70 | 16.50 | 17.50 | 18.40 | |
| 20 | 7.70 | 4.50 | 5.50 | 6.40 | 4.00 | 70 | 20.20 | 17.00 | 18.00 | 18.90 | 8.00 |
| 22 | 8.20 | 5.00 | 6.00 | 6.90 | | 72 | 20.70 | 17.50 | 18.50 | 19.40 | |
| 24 | 8.70 | 5.50 | 6.50 | 7.40 | | 74 | 21.20 | 18.00 | 19.00 | 19.90 | |
| 26 | 9.20 | 6.00 | 7.00 | 7.90 | | 76 | 21.70 | 18.50 | 19.50 | 20.40 | |
| 28 | 9.70 | 6.50 | 7.50 | 8.40 | 4.00 | 78 | 22.20 | 19.00 | 20.00 | 20.90 | 8.00 |
| 30 | 10.20 | 7.00 | 8.00 | 8.90 | | 80 | 22.70 | 19.50 | 20.50 | 21.40 | |
| 32 | 10.70 | 7.50 | 8.50 | 9.40 | | 82 | 23.20 | 20.00 | 21.00 | 21.90 | |
| 34 | 11.20 | 8.00 | 9.00 | 9.90 | | 84 | 23.70 | 20.50 | 21.50 | 22.40 | |
| 36 | 11.70 | 8.50 | 9.50 | 10.40 | 4.00 | 86 | 24.20 | 21.00 | 22.00 | 22.90 | 8.00 |
| 38 | 12.20 | 9.00 | 10.00 | 10.90 | | 88 | 24.70 | 21.50 | 22.50 | 23.40 | |
| 40 | 12.70 | 9.50 | 10.50 | 11.40 | | 90 | 25.20 | 22.00 | 23.00 | 23.90 | |
| 42 | 13.20 | 10.00 | 11.00 | 11.90 | | 92 | 25.70 | 22.50 | 23.50 | 24.40 | |
| 44 | 13.70 | 10.50 | 11.50 | 12.40 | 4.00 | 94 | 26.20 | 23.00 | 24.00 | 24.90 | 8.00 |
| 46 | 14.20 | 11.00 | 12.00 | 12.90 | | 96 | 26.70 | 23.50 | 24.50 | 25.40 | |
| 48 | 14.70 | 11.50 | 12.50 | 13.40 | | 98 | 27.20 | 24.00 | 25.00 | 25.90 | |
| 50 | 15.20 | 12.00 | 13.00 | 13.90 | | 100 | 27.70 | 24.50 | 25.50 | 26.40 | |
| 52 | 15.70 | 12.50 | 13.50 | 14.40 | | | | | | | |

| MATCHING | |
|--------------|---------------------|
| PRODUCT NAME | PART NO |
| FEMALE | MTBT62-9xxGWO-07A41 |

| M&T | | | MTCONN ELECTRONICS CO.,LTD | | | |
|-------|-------|--------|----------------------------|--------|--------------------|------------------------------------|
| DIM | TOL | DEC | TOL | DRWN: | NICK | PART NO.: MTBT63-6xxGxx-02A59 |
| X. | ±-- | X.* | ±2° | CHKD: | JOHNSON 2010-04-23 | TITLE: BTB0.5MM MALE DOUBLE GROOVE |
| X.X | ±0.35 | X.X* | ±2° | APPD: | JUDY 2010-04-23 | PART NO.: MTBT63-6xxGxx-02A59 |
| X.XX | ±0.25 | X.XX* | ±-- | SHEET: | 1/1 | UNIT mm SCALE N/A SIZE A4 REV A |
| X.XXX | ±0.10 | X.XXX* | ±-- | | | |