



NOTES:

- MATERIAL:
METAL SHELL: COPPER ALLOY.
HOUSING: SEE CHART, 30% GLASS FIBER FILLED, UL94-V0.
TERMINAL: PHOSPHOR BRONZE
- TERMINAL:
CONTACT AREA: (a) GOLD FLASH.
(b) GOLD (Au), THICKNESS=0.76µM/ 30µINCH MINIMUM.
SOLDER TAIL: TIN PLATED, THICKNESS=1.9µM/ 75µINCH MINIMUM.
UNDER PLATED: NICKEL (Ni), THICKNESS=1.25µM/50µINCH MINIMUM.
METAL SHELL: SEE CHART.
- RECOMMENDED PCB THICKNESS: SEE CHART
- PRODUCT SPECIFICATION: FOR IR REFER TO PS-67643-002
FOR NON IR REFER TO PS-67643-003
- TORQUE FORCE SPEC: 2.50kg-cm Min, MEASURED AT BROKEN POINT.
- TEST SUMMARY: FOR IR REFER TO TS-67643-002
FOR NON IR REFER TO TS-67643-003
- PACKAGE: REFER TO PK-67643-002
- LEAD FREE AND ROHS COMPLIANT PRODUCT

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| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: OBSOLETE PART NUMBER | | | | molex | |
| mm | | 2:1 | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 655037 | | 2021/01/15 | | USB A TYPE RECT SINGLE RA THROUGH HOLE W/O FLG LEAD-FREE | |
| | | | | DRWN: VLOKESHA | | 2021/03/16 | | | |
| | | | | CHK'D: GGA | | 2021/03/16 | | | |
| | | | | APPR: GGA | | 2021/03/16 | | PRODUCT CUSTOMER DRAWING | |
| | | | | INITIAL REVISION: | | | | | |
| | | | | DRWN: FYANGO5 | | 2013/12/12 | | DOCUMENT NUMBER | |
| | | | | APPR: | | | | SD-67643-003 | |
| | | | | ANGULAR TOL ± 3.0° | | | | DOC TYPE DOC PART REVISION | |
| | | | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | MATERIAL NUMBER | |
| | | | | | | DRAWING | | CUSTOMER | |
| | | | | | | SERIES | | SHEET NUMBER | |
| | | | | | | A3-SIZE | | SEE TABLE | |
| | | | | | | 67643 | | GENERAL MARKET | |
| | | | | | | | | 1 OF 2 | |

| P/N | HOUSING MATERIAL | COLOR | CONTACT PLATING | METAL SHELL PLATING | REMARK |
|---------------|------------------------|-----------|-----------------|---|--------------------------|
| 67643-0910 | POLYESTER | BLACK | GOLD FLASH | BRIGHT TIN PLATED. THICKNESS= 1.25μM/50μINCH MINIMUM UNDER PLATE:NICKEL (Ni). | NON IR RPOCESEE |
| 67643-2910 | HIGH TEMPERATURE NYLON | BLACK | | | FOR IR REFLOW PROCESS |
| 67643-3910 | HIGH TEMPERATURE NYLON | WHITE | 0.76μM/30μINCH | | FOR IR REFLOW PROCESS |
| 67643-2911 | HIGH TEMPERATURE NYLON | BLACK | | | FOR IR REFLOW PROCESS |
| 67643-3911 | HIGH TEMPERATURE NYLON | WHITE | | | |
| PCB THICKNESS | | 1.60±0.05 | | | |
| DIMENSION "A" | | 2.60 | | | |

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| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 655037 | | 2021/01/15 | | PRODUCT CUSTOMER DRAWING | |
| | | | | DRWN: VLOKESHA | | 2021/03/16 | | | |
| | | | | CHK'D: GGA | | 2021/03/16 | | | |
| | | | | APPR: GGA | | 2021/03/16 | | | |
| | | | | INITIAL REVISION: | | | | | |
| | | | | DRWN: FYANGO5 | | 2013/12/12 | | | |
| | | | | APPR: | | | | | |
| | | | | ANGULAR TOL ± 3.0° | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | | | | A3-SIZE | | 67643 | | SEE TABLE | |
| | | | | CUSTOMER | | GENERAL MARKET | | SHEET NUMBER | |
| | | | | | | | | 2 OF 2 | |

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