
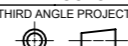


- NOTES**
- MATERIAL:**
HSG: NYLON, GLASS-FILLED, UL94V-0 COLOR: BLACK
PIN: 0.50mm SQ, COPPER ALLOY
 - PLATING TYPE:**
 - GOLD FLASH OVER
1.270µm MIN. NICKEL OVERALL.
 - GOLD FLASH ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - 0.254µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - 0.381µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - 0.762µm MIN. GOLD PLATE ON CONTACT AND
1.905µm MIN. TIN ON SOLDER TAIL OVER
1.270µm MIN. NICKEL OVERALL.
 - 2.540µm MIN. TIN OVERALL
1.270µm MIN. NICKEL OVERALL
 - PRODUCT SPECIFICATION:** PS-87761-100
 - PACKAGING TYPE:** SEE TABLE
 - WAFER TO BE FLAT WITHIN 0.003 mm/mm**
 - COPLANARITY IS TO BE MEASURED BY RESTING THE SOLDER TAIL ON A GAUGE SURFACE**
 - IRREGULAR CIRCUIT CUTOFF WITHIN BREAKAWAY SECTION IS PERMISSIBLE. CUTTING OR CHIPPING OF THE MAIN BODY IS NOT ACCEPTABLE**
 - RECOMMENDED PCB THICKNESS IS 1.60mm±0.10**
 - THE ABOVE CKT 10 IS FOR ILLUSTRATION PURPOSE ONLY**
 - PACKAGING SPECIFICATION:**
TRAY: PK-89990-487
T&R : PK-89990-484 / PK-87858-300
TUBE: RPK-87979-1007 FOR ASSEMBLY 87979-1007.

| | | | | | | | | | | | |
|---|--|----------|--|--|--|----------|--|----------------|--|-----------------|--|
| 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: BRIGHT TIN PHASE OUT | | | | | | molex | |
| MM | | NTS | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | |
| | | MM | | INCH | | | | | | | |
| 4 PLACES | | ± | | ± | | | | | | | |
| 3 PLACES | | ± | | ± | | | | | | | |
| 2 PLACES | | ± | | 0.2 | | ± | | | | | |
| 1 PLACE | | ± | | ± | | ± | | | | | |
| 0 PLACES | | ± | | ± | | ± | | | | | |
| ANGULAR TOL | | ± | | 3.0° | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | | | | A3-SIZE | | 87979 | | SEE TABLE | | GENERAL MARKET | |
| DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | REVISION | | CUSTOMER | | SHEET NUMBER | |
| SD-87979-002 | | PSD | | 001 | | B1 | | GENERAL MARKET | | 1 OF 2 | |

| F | PART NO. | CKT SIZE | PEG | PLATE OPT. | VOID POSITION | DIMENSION | | | WITH KAPTON TAPE | PACKAGING OPTION |
|---|------------|----------|-----|------------|---------------|-----------|-------|------------|------------------|------------------|
| | | | | | | | | MATING END | | |
| | | | | | | A | B | M | | |
| | 87979-0406 | 4 | N | 6 | ---- | 4.00 | 2.00 | 4.00 | NO | TRAY |
| | 87979-0407 | 4 | N | 6 | ---- | 4.00 | 2.00 | 4.00 | NO | TRAY |
| | 87979-0806 | 8 | N | 6 | ---- | 8.00 | 6.00 | 4.00 | YES | T&R |
| E | 87979-0807 | 8 | N | 6 | ---- | 8.00 | 6.00 | 4.00 | YES | T&R |
| | 87979-1006 | 10 | N | 6 | ---- | 10.00 | 8.00 | 4.00 | NO | TRAY |
| | 87979-1008 | 10 | N | 6 | ---- | 10.00 | 8.00 | 4.00 | NO | TRAY |
| | 87979-1007 | 10 | N | 6 | ---- | 10.00 | 8.00 | 4.00 | NO | TUBE |
| | 87979-1009 | 10 | N | 6 | ---- | 10.00 | 8.00 | 4.00 | NO | TUBE |
| D | 87979-1206 | 12 | N | 2 | ---- | 12.00 | 10.00 | 4.00 | YES | T&R |
| | 87979-1606 | 16 | N | 6 | ---- | 16.00 | 14.00 | 4.00 | NO | TRAY |
| | 87979-1608 | 16 | N | 6 | ---- | 16.00 | 14.00 | 4.00 | NO | TRAY |
| | 87979-1607 | 16 | N | 6 | ---- | 16.00 | 14.00 | 4.00 | YES | T&R |
| | 87979-1609 | 16 | N | 6 | ---- | 16.00 | 14.00 | 4.00 | YES | T&R |
| C | 87979-2000 | 20 | N | 6 | ---- | 20.00 | 18.00 | 4.00 | YES | T&R |
| | 87979-2001 | 20 | N | 6 | ---- | 20.00 | 18.00 | 4.00 | YES | T&R |
| | 87979-2406 | 24 | N | 2 | ---- | 24.00 | 22.00 | 4.00 | YES | T&R |
| | 87979-4206 | 42 | N | 6 | ---- | 42.00 | 40.00 | 4.00 | YES | T&R |
| | 87979-4207 | 42 | N | 6 | ---- | 42.00 | 40.00 | 4.00 | YES | T&R |
| B | 87979-5006 | 50 | N | 6 | ---- | 50.00 | 48.00 | 4.00 | NO | TRAY |
| | 87979-5007 | 50 | N | 6 | ---- | 50.00 | 48.00 | 4.00 | NO | TRAY |

| | | | | | | | | | | | | | | | | | |
|---|--|-------|--|--|--|---------|--|---|--|--|--|----------------------------|--|------------------------|--|-----------------|--|
| 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: BRIGHT TIN PHASE OUT | | | |  | | | | | | | | | |
| MM | | NTS | | | | | | | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 679909 DRWN: AKUMAR19 2021/07/28 CHK'D: MRAMAKRISHNA 2021/10/11 APPR: MRAMAKRISHNA 2021/10/11 INITIAL REVISION: DRWN: KCHO 2005/01/31 APPR: SLOW 2005/02/17 | | | | | | CUSTOM HEADER MGRID DUAL ROW HEADER S/WFR, HORIZONTAL SMT | | | | | | | |
| | | | | | | | | | | | | PRODUCT CUSTOMER DRAWING | | | | | |
| 4 PLACES ± | | ± | | | | | | | | DOCUMENT NUMBER SD-87979-002 | | | | DOC TYPE PSD | | DOC PART 001 | |
| 3 PLACES ± | | ± | | | | | | | | | | | | | | | |
| 2 PLACES ± | | 0.2 ± | | | | | | | | MATERIAL NUMBER SEE TABLE | | CUSTOMER GENERAL MARKET | | SHEET NUMBER 2 OF 2 | | | |
| 1 PLACE ± | | ± | | | | | | | | | | | | | | | |
| 0 PLACES ± | | ± | | | | | | | | | | | | | | | |
| ANGULAR TOL ± 3.0° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | |  | | A3-SIZE | | 87979 | | | | | | | | | |