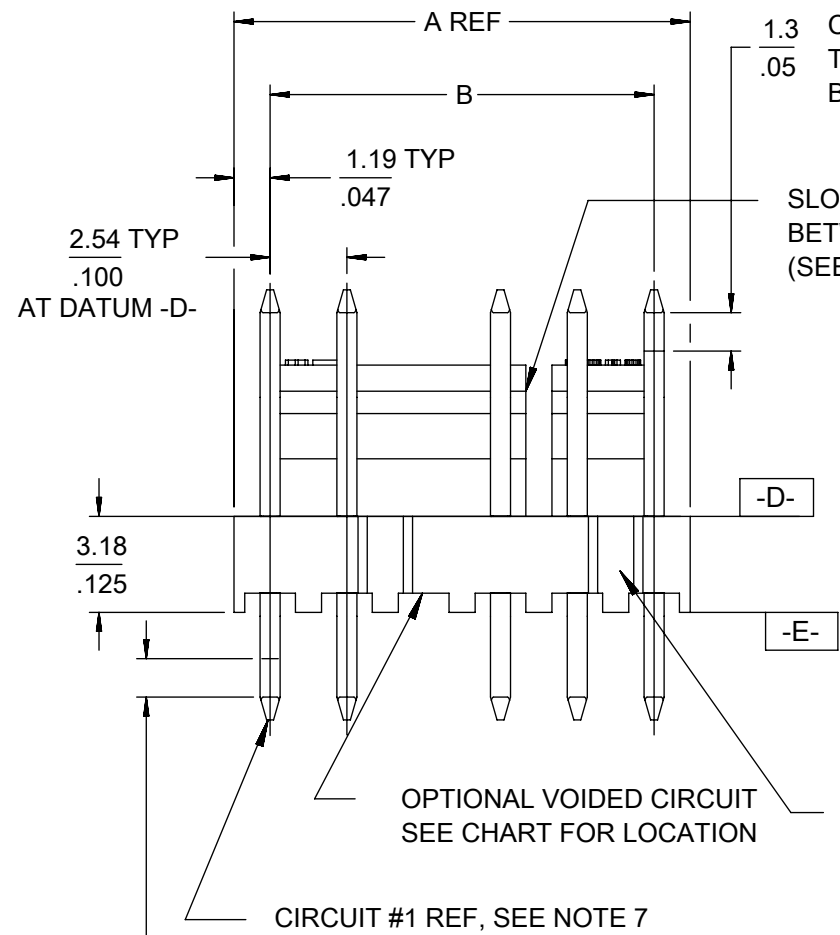
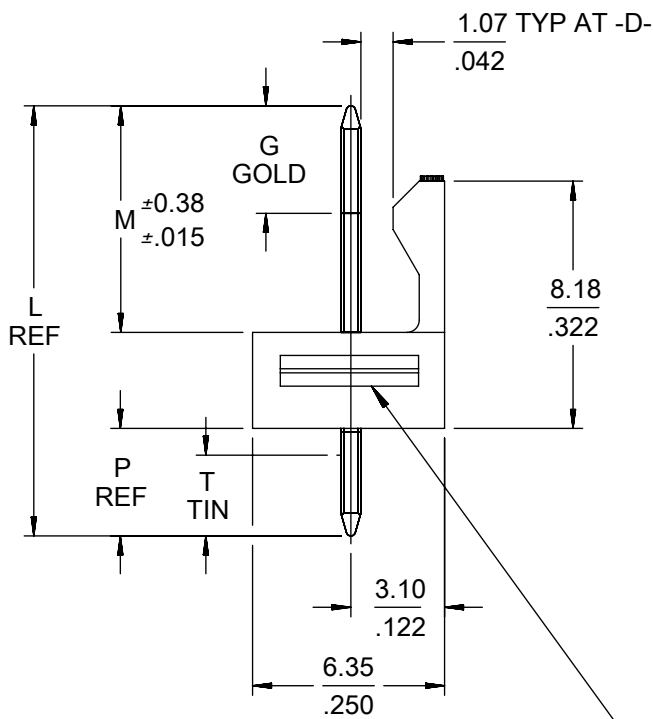


| CKT | A | B | SLOTS LOCATION |
|-----|-----------------------|---|----------------|
| 02 | $\frac{4.93}{.194}$ | $\frac{2.54 \pm 0.05}{.100 \pm .002}$ | NONE |
| 03 | $\frac{7.47}{.294}$ | $\frac{5.08 \pm 0.10}{.200 \pm .004}$ | NONE |
| 04 | $\frac{10.01}{.394}$ | $\frac{7.62 \pm 0.15}{.300 \pm .006}$ | NONE |
| 05 | $\frac{12.55}{.494}$ | $\frac{10.16 \pm 0.15}{.400 \pm .006}$ | NONE |
| 06 | $\frac{15.09}{.594}$ | $\frac{12.70 \pm 0.18}{.500 \pm .007}$ | 4, 5 |
| 07 | $\frac{17.63}{.694}$ | $\frac{15.24 \pm 0.18}{.600 \pm .007}$ | 4, 5 |
| 08 | $\frac{20.17}{.794}$ | $\frac{17.78 \pm 0.20}{.700 \pm .008}$ | 4, 5 |
| 09 | $\frac{22.71}{.894}$ | $\frac{20.32 \pm 0.20}{.800 \pm .008}$ | 4, 5 |
| 10 | $\frac{25.25}{.994}$ | $\frac{22.86 \pm 0.23}{.900 \pm .009}$ | 4, 5 |
| 11 | $\frac{27.79}{1.094}$ | $\frac{25.40 \pm 0.23}{1.000 \pm .009}$ | 4, 5 8, 9 |
| 12 | $\frac{30.33}{1.194}$ | $\frac{27.94 \pm 0.25}{1.100 \pm .010}$ | 4, 5 8, 9 |



1.3
.05 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -D- BY MORE THAN 0.20/.008 IN ANY DIRECTION.

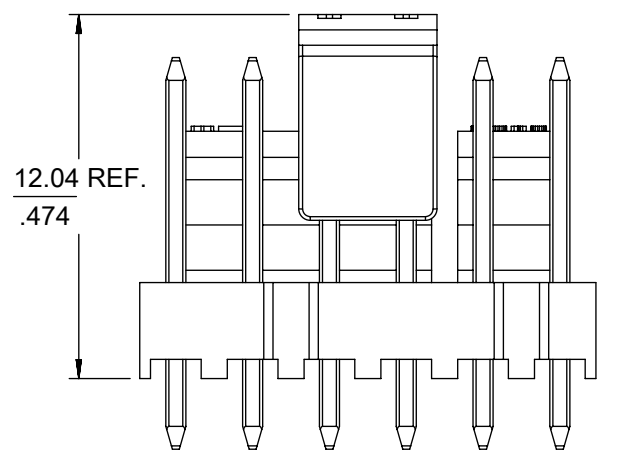
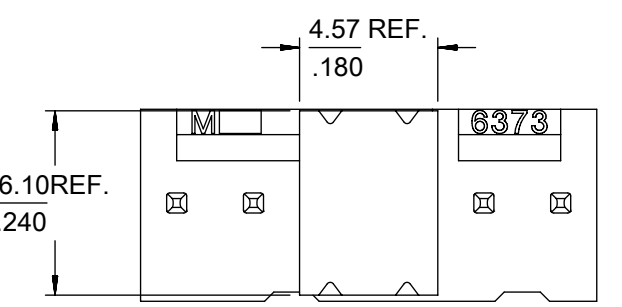
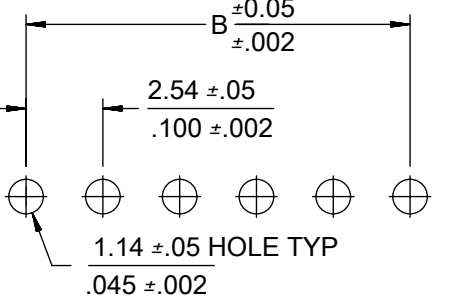
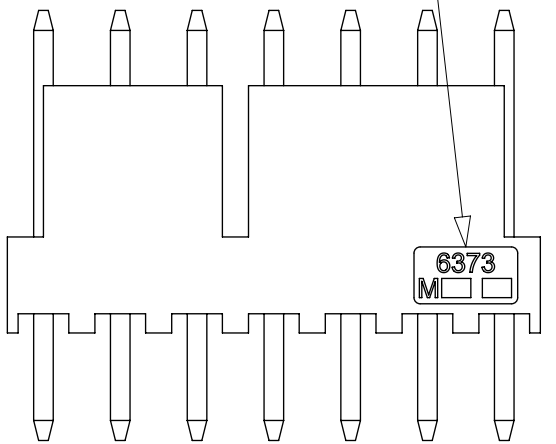
SLOTS LOCATED BETWEEN CIRCUITS (SEE CHART)



RECESSED GATE MAY BE PRESENT ON 2-12 CIRCUIT PARTS LOCATION VARIES

OPTIONAL VOIDED CIRCUIT SEE CHART FOR LOCATION
CIRCUIT #1 REF, SEE NOTE 7
CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT -E- BY MORE THAN 0.13/.005 IN ANY DIRECTION.

ALTERNATE ENGRAVING LOCATION (7-12 CKT PARTS ONLY). LOCATION IS DEPENDENT ON TOOLING.



OPTIONAL PICK AND PLACE CAP FOR TAPE AND REEL PACKAGING

- NOTES:
- MATERIAL: HOUSING: NYLON, UL 94V-1, COLOR: BLACK
PINS: BRASS
 - FINISH:
(197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.
(208) = SELECT GOLD: 0.00038/.000015 MIN, SELECT MATTE TIN: 0.00254/.000100 MIN, BOTH OVER 0.00127/.000050 MIN NICKEL.
(228) = SELECT GOLD: 0.00076/.000030 MIN, SELECT MATTE TIN: 0.00254/.000100 MIN, BOTH OVER 0.00127/.000050 MIN NICKEL.
 - PRODUCT SPECIFICATION AND PROCESS PARAMETERS: PS-171856-0001, PS-171856-0002
 - PACKAGING INFORMATION: SEE CHART.
 - MATES WITH: 4455, 2695 SERIES.
 - PARTS ARE STACKABLE END TO END ON 2.54/.100 CENTERS.
 - CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION. CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
 - PIN PUSHOUT FORCE: 2 LBS MIN.
 - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 - THE PARTS LISTED ON THIS DRAWING ARE CONSTRUCTED TO MEET THE REQUIREMENT FOR DIRECT SUPPORT OF UNINSULATED LIVE PARTS AS DESCRIBED IN UL508C.

| | | | | | | | | | |
|---|---|------------------------|---------|--|--|------------|--|-----------------|--|
| 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: ADDED NEW PN 1718566005 | | | | | |
| MM/IN | | 4:1 | | molex KK RPC .100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: SD-171856-0001 DOC TYPE: PSD DOC PART: 000 REVISION: B3 MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 1 OF 5 | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | |
| | | MM | INCH | | | | | | |
| 4 PLACES | ± | | ± | | | | | | |
| 3 PLACES | ± | | ± 0.015 | | | | | | |
| 2 PLACES | ± | 0.25 | ± 0.01 | | | | | | |
| 1 PLACE | ± | 0.38 | ± | | | | | | |
| 0 PLACES | ± | | ± | | | | | | |
| ANGULAR TOL | | ± ° | | EC NO: 632912 | | 2020/02/03 | | | |
| | | | | DRWN: MKP | | 2020/02/26 | | | |
| | | | | CHK'D: SS06 | | 2020/02/27 | | | |
| | | | | APPR: ISHWARG | | | | | |
| | | | | INITIAL REVISION: | | 2012/11/09 | | | |
| | | | | DRWN: MKIPPER | | 2013/06/11 | | | |
| | | | | APPR: FSMITH | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| | | | | B-SIZE | | 171856 | | SEE CHART | |

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|-----------------|-----------------|-------------------|-----------------|----------|---|--|
| 10 | | 9 | | | 8 | |
| GROUP: | | 171856-0002/-0012 | | | | |
| PLATING: | | 197 | | | | |
| PIN LENGTH: (L) | | 12.95 / .510 | | | | |
| MATING: (M) | | 7.44 / .293 | | | | |
| DIM. G: | | N/A | | | | |
| PC TAIL: (P) | | 2.34 / .092 | | | | |
| DIM T: | | OVERALL | | | | |
| PACKAGING: | | PK-6373-001 BULK | | | | |
| CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | | |
| 2 | 171856-0002 | | | | | |
| 3 | 171856-0003 | | | | | |
| 4 | 171856-0004 | | | | | |
| 5 | 171856-0005 | | | | | |
| 6 | 171856-0006 | | | | | |
| 7 | 171856-0007 | | | | | |
| 8 | 171856-0008 | | | | | |
| 9 | 171856-0009 | | | | | |
| 10 | 171856-0010 | | | | | |
| 11 | 171856-0011 | | | | | |
| 12 | 171856-0012 | | | | | |

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| 7 | | 6 | | | | |
| GROUP: | | 171856-1002/-1012 | | | | |
| PLATING: | | 208 | | | | |
| PIN LENGTH: (L) | | 12.95 / .510 | | | | |
| MATING: (M) | | 7.44 / .293 | | | | |
| DIM. G: | | 3.56 / .140 | | | | |
| PC TAIL: (P) | | 2.34 / .092 | | | | |
| DIM T: | | 3.43 / .135 | | | | |
| PACKAGING: | | PK-6373-001 BULK | | | | |
| CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | | |
| 2 | 171856-1002 | | | | | |
| 3 | 171856-1003 | | | | | |
| 4 | 171856-1004 | | | | | |
| 5 | 171856-1005 | | | | | |
| 6 | 171856-1006 | | | | | |
| 7 | 171856-1007 | | | | | |
| 8 | 171856-1008 | | | | | |
| 9 | 171856-1009 | | | | | |
| 10 | 171856-1010 | | | | | |
| 11 | 171856-1011 | | | | | |
| 12 | 171856-1012 | | | | | |

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| 5 | | 4 | | | 3 | | 2 | | 1 | |
| GROUP: | | 171856-2002/-2012 | | | | | | | | |
| PLATING: | | 228 | | | | | | | | |
| PIN LENGTH: (L) | | 12.95 / .510 | | | | | | | | |
| MATING: (M) | | 7.44 / .293 | | | | | | | | |
| DIM. G: | | 3.56 / .140 | | | | | | | | |
| PC TAIL: (P) | | 2.34 / .092 | | | | | | | | |
| DIM T: | | 3.43 / .135 | | | | | | | | |
| PACKAGING: | | PK-6373-001 BULK | | | | | | | | |
| CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | | | | | | |
| 2 | 171856-2002 | | | | | | | | | |
| 3 | 171856-2003 | | | | | | | | | |
| 4 | 171856-2004 | | | | | | | | | |
| 5 | 171856-2005 | | | | | | | | | |
| 6 | 171856-2006 | | | | | | | | | |
| 7 | 171856-2007 | | | | | | | | | |
| 8 | 171856-2008 | | | | | | | | | |
| 9 | 171856-2009 | | | | | | | | | |
| 10 | 171856-2010 | | | | | | | | | |
| 11 | 171856-2011 | | | | | | | | | |
| 12 | 171856-2012 | | | | | | | | | |

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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: ADDED NEW PN | | | | molex | | KK RPC .100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY | | | |
| MM/IN | | 1:1 | | 1718566005 | | | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | | | |
| | | MM | INCH | EC NO: 632912 | | | | | | | | | |
| 4 PLACES ± | | | | DRWN: MKP | | | | 2020/02/03 | | | | | |
| 3 PLACES ± | | | ± 0.015 | CHK'D: SS06 | | | | 2020/02/26 | | | | | |
| 2 PLACES ± | | 0.25 | ± 0.01 | APPR: ISHWARG | | | | 2020/02/27 | | | | | |
| 1 PLACE ± | | 0.38 | ± | INITIAL REVISION: | | | | | | | | | |
| 0 PLACES ± | | | ± | DRWN: MKIPPER | | | | 2012/11/09 | | DOCUMENT NUMBER | | | |
| ANGULAR TOL ± ° | | | | APPR: FSMITH | | | | 2013/06/11 | | SD-171856-0001 | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | CUSTOMER | | SHEET NUMBER | |
| | | | | B-SIZE | | 171856 | | SEE CHART | | GENERAL MARKET | | 2 OF 5 | |

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|-----------------|-----------------|-------------------|-----------------|----------|---|--|
| 10 | | 9 | | | 8 | |
| GROUP: | | 171856-0102/-0112 | | | | |
| PLATING: | | 197 | | | | |
| PIN LENGTH: (L) | | 14.22 / .560 | | | | |
| MATING: (M) | | 7.49 / .295 | | | | |
| DIM. G: | | N/A | | | | |
| PC TAIL: (P) | | 3.56 / .140 | | | | |
| DIM T: | | OVERALL | | | | |
| PACKAGING: | | PK-6373-001 BULK | | | | |
| CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | | |
| 2 | 171856-0102 | | | | | |
| 3 | 171856-0103 | | | | | |
| 4 | 171856-0104 | | | | | |
| 5 | 171856-0105 | | | | | |
| 6 | 171856-0106 | | | | | |
| 7 | 171856-0107 | | | | | |
| 8 | 171856-0108 | | | | | |
| 9 | 171856-0109 | | | | | |
| 10 | 171856-0110 | | | | | |
| 11 | 171856-0111 | | | | | |
| 12 | 171856-0112 | | | | | |

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|-----------------|-----------------|-------------------|-----------------|----------|--|--|
| 7 | | 6 | | | | |
| GROUP: | | 171856-1102/-1112 | | | | |
| PLATING: | | 208 | | | | |
| PIN LENGTH: (L) | | 14.22 / .560 | | | | |
| MATING: (M) | | 7.49 / .295 | | | | |
| DIM. G: | | 3.56 / .140 | | | | |
| PC TAIL: (P) | | 3.56 / .140 | | | | |
| DIM T: | | 3.43 / .135 | | | | |
| PACKAGING: | | PK-6373-001 BULK | | | | |
| CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | | |
| 2 | 171856-1102 | | | | | |
| 3 | 171856-1103 | | | | | |
| 4 | 171856-1104 | | | | | |
| 5 | 171856-1105 | | | | | |
| 6 | 171856-1106 | | | | | |
| 7 | 171856-1107 | | | | | |
| 8 | 171856-1108 | | | | | |
| 9 | 171856-1109 | | | | | |
| 10 | 171856-1110 | | | | | |
| 11 | 171856-1111 | | | | | |
| 12 | 171856-1112 | | | | | |

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|-----------------|-----------------|------|-----------------|----------|--|--|
| 5 | | 4 | | | | |
| GROUP: | | | | | | |
| PLATING: | | | | | | |
| PIN LENGTH: (L) | | | | | | |
| MATING: (M) | | | | | | |
| DIM. G: | | | | | | |
| PC TAIL: (P) | | | | | | |
| DIM T: | | | | | | |
| PACKAGING: | | | | | | |
| CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | | |
| 2 | | | | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
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| 11 | | | | | | |
| 12 | | | | | | |

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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: ADDED NEW PN | | | | molex | | KK RPC .100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY | |
| MM/IN | | 1:1 | | 1718566005 | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | |
| | | MM | INCH | EC NO: 632912 | | | | | | | |
| 4 PLACES ± | | | | DRWN: MKP | | 2020/02/03 | | | | | |
| 3 PLACES ± | | | ± 0.015 | CHK'D: SS06 | | 2020/02/26 | | | | | |
| 2 PLACES ± | | 0.25 | ± 0.01 | APPR: ISHWARG | | 2020/02/27 | | | | | |
| 1 PLACE ± | | 0.38 | ± | INITIAL REVISION: | | | | | | | |
| 0 PLACES ± | | | ± | DRWN: MKIPPER | | 2012/11/09 | | DOCUMENT NUMBER | | | |
| ANGULAR TOL ± ° | | | | APPR: FSMITH | | 2013/06/11 | | SD-171856-0001 | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | | | |
| | | | | B-SIZE | | 171856 | | SEE CHART | | | |
| | | | | | | | | CUSTOMER | | | |
| | | | | | | | | GENERAL MARKET | | | |
| | | | | | | | | SHEET NUMBER | | | |
| | | | | | | | | 3 OF 5 | | | |

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|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2020/02/27 | 10:16:56 |
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| 10 | | | | | 9 | | | | | 8 | | | | | 7 | | | | | 6 | | | | | 5 | | | | | 4 | | | | | 3 | | | | | 2 | | | | | 1 | | | | |
|-----------------|-----------------|------|-----------------|----------|---------------------------------------|-----------------|------|-----------------|----------|-----------------|-----------------|------|-----------------|----------|---------------------------------------|-----------------|------|-----------------|----------|-----------------|-----------------|------|-----------------|----------|--|-----------------|------|-----------------|----------|-----------------|--|--|--|--|---------------------------------------|--|--|--|--|---|--|--|--|--|---|--|--|--|--|
| GROUP: | | | | | 171856-3002/-3012 | | | | | GROUP: | | | | | 171856-4002/-4012 | | | | | GROUP: | | | | | 171856-5002/-5012 | | | | | GROUP: | | | | | 171856-6002/-6012 | | | | | | | | | | | | | | |
| PLATING: | | | | | 197 | | | | | PLATING: | | | | | 208 | | | | | PLATING: | | | | | 208 | | | | | PLATING: | | | | | 228 | | | | | | | | | | | | | | |
| PIN LENGTH: (L) | | | | | 12.95 / .510 | | | | | PIN LENGTH: (L) | | | | | 12.95 / .510 | | | | | PIN LENGTH: (L) | | | | | 14.22 / .560 | | | | | PIN LENGTH: (L) | | | | | 12.95 / .510 | | | | | | | | | | | | | | |
| MATING: (M) | | | | | 7.44 / .293 | | | | | MATING: (M) | | | | | 7.44 / .293 | | | | | MATING: (M) | | | | | 7.49 / .295 | | | | | MATING: (M) | | | | | 7.44 / .293 | | | | | | | | | | | | | | |
| DIM. G: | | | | | N/A | | | | | DIM. G: | | | | | 3.56 / .140 | | | | | DIM. G: | | | | | 3.56 / .140 | | | | | DIM. G: | | | | | 3.56 / .140 | | | | | | | | | | | | | | |
| PC TAIL: (P) | | | | | 2.34 / .092 | | | | | PC TAIL: (P) | | | | | 2.34 / .092 | | | | | PC TAIL: (P) | | | | | 3.56 / .140 | | | | | PC TAIL: (P) | | | | | 2.34 / .092 | | | | | | | | | | | | | | |
| DIM T: | | | | | OVERALL | | | | | DIM T: | | | | | 3.43 / .135 | | | | | DIM T: | | | | | 3.43 / .135 | | | | | DIM T: | | | | | 3.43 / .135 | | | | | | | | | | | | | | |
| PACKAGING: | | | | | PK-171856-0001 TAPE AND REEL W/CAP | | | | | PACKAGING: | | | | | PK-171856-0001 TAPE AND REEL W/CAP | | | | | PACKAGING: | | | | | 1718561000-PK TAPE AND REEL W/O CAP | | | | | PACKAGING: | | | | | PK-171856-0001 TAPE AND REEL W/CAP | | | | | | | | | | | | | | |
| CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | | | | | | | | | | | | | | | | | | | | |
| 2 | 171856-3002 | | | | 2 | 171856-4002 | | | | 2 | 171856-5004 | | | | 5 | 171856-6005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 171856-3003 | | | | 3 | 171856-4003 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 171856-3004 | | | | 4 | 171856-4004 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 171856-3005 | | | | 5 | 171856-4005 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 171856-3006 | | | | 6 | 171856-4006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 171856-3007 | | | | 7 | 171856-4007 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 171856-3008 | | | | 8 | 171856-4008 | | | | 8 | 171856-5008 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 171856-3009 | | | | 9 | 171856-4009 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 171856-3010 | | | | 10 | 171856-4010 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 171856-3011 | | | | 11 | 171856-4011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 171856-3012 | | | | 12 | 171856-4012 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---|----|-------|---------|---|--|---------|--|--------|--|-----------------|--|
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| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: ADDED NEW PN 1718566005 | | | | | | | |
| MM/IN | | 1:1 | | <p>molex</p> <p>KK RPC .100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-171856-0001 DOC TYPE: PSD DOC PART: 000 REVISION: B3</p> <p>MATERIAL NUMBER: SEE CHART CUSTOMER: GENERAL MARKET SHEET NUMBER: 4 OF 5</p> | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | |
| | MM | | INCH | | | | | | | | |
| 4 PLACES | ± | | ± | | | | | | | | |
| 3 PLACES | ± | 0.25 | ± 0.015 | | | | | | | | |
| 2 PLACES | ± | 0.25 | ± 0.01 | | | | | | | | |
| 1 PLACE | ± | 0.38 | ± | | | | | | | | |
| 0 PLACES | ± | | ± | | | | | | | | |
| ANGULAR TOL ± ° | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | | MATERIAL NUMBER | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | B-SIZE | | 171856 | | SEE CHART | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|-----------------|------|-----------------|-------------|------|-----------------|------|-----------------|----------|----------------------|-----------------|------|-----------------|----------|------|-----------------|------|-----------------|----------|-----------------|-----------------|------|-----------------|----------|------|-----------------|------|-----------------|----------|------------------|-----------------|------|-----------------|----------|---|--|--|--|--|-----------------|--|--|--|--|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 10 | | | | | 9 | | | | | 8 | | | | | 7 | | | | | 6 | | | | | 5 | | | | | 4 | | | | | 3 | | | | | 2 | | | | | 1 | | | | | | | | | | | | | | |
| GROUP: | | | | | | | | | | 171856-9999 | | | | | | | | | | GROUP: | | | | | | | | | | 171856-9998 | | | | | | | | | | GROUP: | | | | | | | | | | | | | | | | | | | |
| PLATING: | | | | | | | | | | 197 | | | | | | | | | | PLATING: | | | | | | | | | | 197 | | | | | | | | | | PLATING: | | | | | | | | | | | | | | | | | | | |
| PIN LENGTH: (L) | | | | | | | | | | 12.95 / .510 | | | | | | | | | | PIN LENGTH: (L) | | | | | | | | | | 12.19 / .480 | | | | | | | | | | PIN LENGTH: (L) | | | | | | | | | | | | | | | | | | | |
| MATING: (M) | | | | | | | | | | 7.44 / .293 | | | | | | | | | | MATING: (M) | | | | | | | | | | 7.42 / .292 | | | | | | | | | | MATING: (M) | | | | | | | | | | | | | | | | | | | |
| DIM. G: | | | | | | | | | | N/A | | | | | | | | | | DIM. G: | | | | | | | | | | N/A | | | | | | | | | | DIM. G: | | | | | | | | | | | | | | | | | | | |
| PC TAIL: (P) | | | | | | | | | | 2.34 / .092 | | | | | | | | | | PC TAIL: (P) | | | | | | | | | | .60 / .063 | | | | | | | | | | PC TAIL: (P) | | | | | | | | | | | | | | | | | | | |
| DIM T: | | | | | | | | | | OVERALL | | | | | | | | | | DIM T: | | | | | | | | | | OVERALL | | | | | | | | | | DIM T: | | | | | | | | | | | | | | | | | | | |
| PACKAGING: | | | | | | | | | | PK-44743-001 TUBE | | | | | | | | | | PACKAGING: | | | | | | | | | | PK-6373-001 BULK | | | | | | | | | | PACKAGING: | | | | | | | | | | | | | | | | | | | |
| CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | CKTS | MATERIAL NUMBER | CKTS | MATERIAL NUMBER | VOID CKT | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10 | 171856-9999 | 2,3,5,6,8,9 | | | | | | 2 | 171856-9998 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| DIMENSION UNITS | SCALE | CURRENT REV DESC: ADDED NEW PN 1718566005 | molex | |
| MM/IN | 1:1 | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | EC NO: 632912 | KK RPC .100 HEADER ASSEMBLY FRICTION LOCK SOLID BODY | |
| 4 PLACES ± | ± | DRWN: MKP 2020/02/03 | | |
| 3 PLACES ± | ± 0.015 | CHK'D: SS06 2020/02/26 | PRODUCT CUSTOMER DRAWING | |
| 2 PLACES ± | 0.25 ± 0.01 | APPR: ISHWARG 2020/02/27 | DOCUMENT NUMBER | |
| 1 PLACE ± | 0.38 ± | INITIAL REVISION: | SD-171856-0001 PSD 000 B3 | |
| 0 PLACES ± | ± | DRWN: MKIPPER 2012/11/09 | DOC TYPE DOC PART REVISION | |
| ANGULAR TOL ± ° | ± ° | APPR: FSMITH 2013/06/11 | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER |
| | | B-SIZE | 171856 | SEE CHART |
| | | | | CUSTOMER |
| | | | | GENERAL MARKET |
| | | | | SHEET NUMBER |
| | | | | 5 OF 5 |