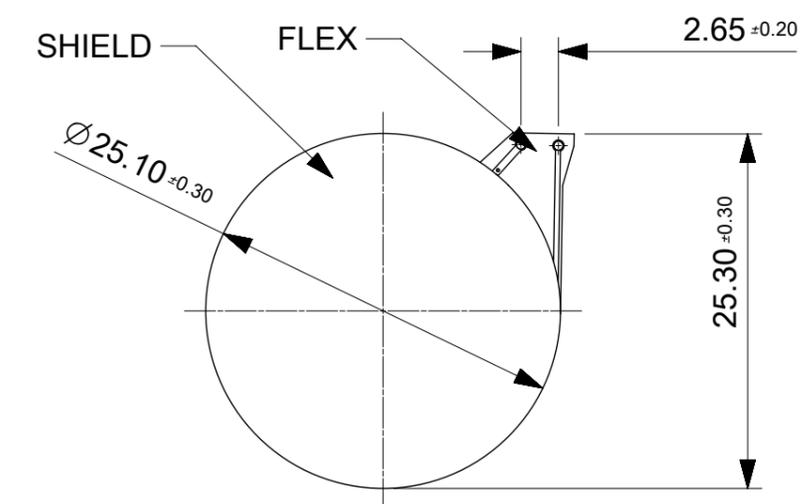
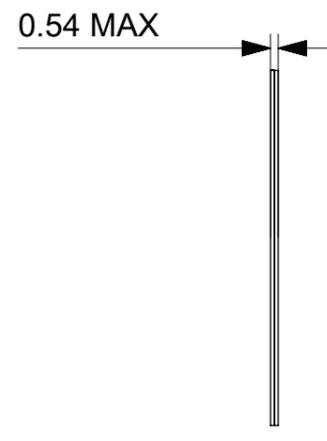
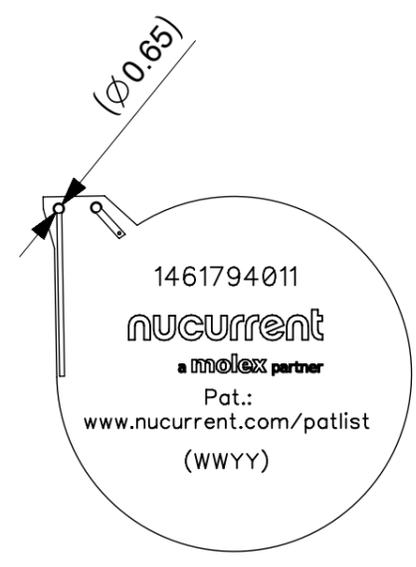


| MOLEX | | | | | CUSTOMER | | 3D REV | CHANGE INFORMATION | | |
|-------------|-----|---------|------------|------------|----------|--------|--------|--------------------|--|------------------|
| DRAWING NO. | REV | ECN NO. | DATA | P/N | P/N | 2D REV | | DRAWING LOCATION | CHANGE DESCRIPTION | AFFECTED DEPT |
| 1461794011 | A | 104512 | 2016/05/24 | 1461794011 | / | / | / | ALL | New Release | AQP/ME/RF/PE/POP |
| 1461794011 | B | 111410 | 2016/12/24 | 1461794011 | / | / | / | ALL | UPDATE THICKNESS CONTROL AND TOLERANCE | AQP/ME/RF/PE/POP |

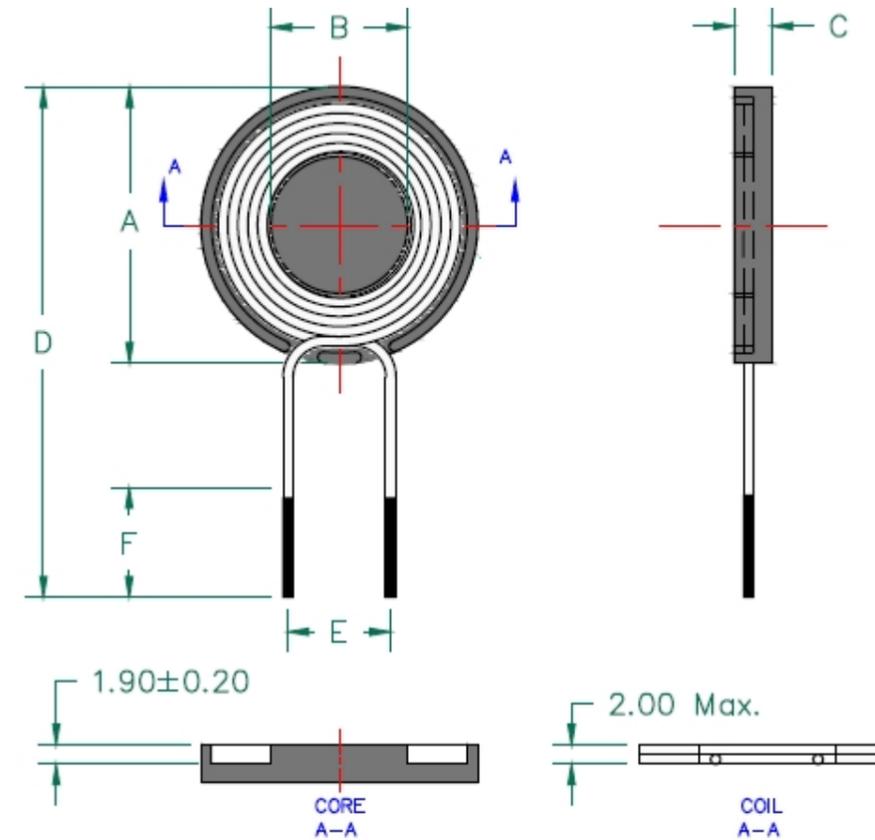


| | | | | | | | | | | | | | |
|----------------------------|---|--|-------|---|--------------|------------------------|-----------------|--|----------|---------------------------------|--|--|--|
| QUALITY SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | |
| | EC NO: 111410 DRWN: TZHOU07 CHK'D: YXGAO04 REV APPR: CYU08 | 2016/08/02 2017/01/09 2017/01/11 | | GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° | | DIMENSION UNITS | SCALE | WIRELESS CHARGING COIL LOW FREQUENCY TRANSMIT & RECEIVE | | | | | |
| | | 4 PLACES ± | | MM | 2:1 | | | | | | | | |
| | | 3 PLACES ± | | DRWN BY | DATE | | | | | | | | |
| | | 2 PLACES ± | | TZHOU07 | 2016/07/18 | CHK'D BY | | DATE | | PRODUCT CUSTOMER DRAWING | | | |
| | | 1 PLACE ± | | YXGAO04 | 2016/07/27 | APPR BY | | DATE | | | | | |
| | 0 PLACES ± | | CYU08 | 2016/07/28 | DRAWING SIZE | THIRD ANGLE PROJECTION | SERIES | MATERIAL NUMBER | CUSTOMER | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | A3 | | | 146179 | | | | | | | |
| | | | | | | | DOCUMENT NUMBER | DOC TYPE | DOC PART | SHEET NUMBER | | | |
| | | | | | | | 1461794011 | PSD | 000 | 1 OF 2 | | | |

| | | | | |
|----------------|----|--------------|------------|----------|
| RELEASE STATUS | P1 | RELEASE DATE | 28.07.2016 | 01:39:29 |
|----------------|----|--------------|------------|----------|

PHYSICAL DIMENSIONS:

| | | | |
|---|-------|---|------|
| A | 27.00 | ± | 0.40 |
| B | 13.30 | ± | 0.20 |
| C | 3.70 | ± | 0.30 |
| D | 49.36 | ± | 1.50 |
| E | 7.00 | | TYP. |
| F | 10.00 | ± | 2.00 |



ELECTRICAL SPECIFICATION @ 25°C

| | Min | Nom | Max |
|----------------------------------|------|------|------|
| INDUCTANCE (uH) L @ 200KHz/1V | 5.20 | 5.50 | 5.80 |
| DCR (mΩ) | | 46 | 48.3 |

NOTES: UNLESS OTHERWISE SPECIFIED

1. OPERATING TEMPERATURE RANGE: -40°C TO +85°C (INCLUDING SELF-HEATING) .
2. STORAGE TEMPERATURE RANGE (PACKAGING CONDITIONS): -10°C TO +40°C AND RH 70% (MAX.)
3. UNLESS OTHERWISE SPECIFIED, THE STANDARD ATMOSPHERIC CONDITIONS FOR MEASUREMENT/TEST AS:
A. AMBIENT TEMPERATURE: 20±15°C.
B. RELATIVE HUMIDITY: 65%±20%.
4. FERRITE MATERIAL: LAIRD 33MAT.
5. COIL SPEC : 150 STRANDS OF AWG44, 155°C, 2 LAYER, 5Ts/LAYER.

| | | | | | | | | | | | |
|--|---|---------------------------------------|------------------------|---|--------------------|--|--|--|--|--|--|
| QUALITY SYMBOLS □ = 0 ▽ = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | |
| | 2016/08/02 2017/01/09 2017/01/11 EC NO: 111410 DRWN: TZHOU07 CHK'D: YXGAO04 REV APPR: CYU08 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION UNITS | SCALE | WIRELESS CHARGING COIL LOW FREQUENCY TRANSMIT & RECEIVE PRODUCT CUSTOMER DRAWING | | | | | |
| | | ANGULAR TOL ± ° | | MM | 1:1 | | | | | | |
| | | 4 PLACES ± | TZHOU07 | DATE | 2016/07/18 | | | | | | |
| | | 3 PLACES ± | CHK'D BY | DATE | YXGAO04 2016/07/27 | | | | | | |
| | | 2 PLACES ± | APPR BY | DATE | CYU08 2016/07/28 | | | | | | |
| | 1 PLACE ± | DRAWING SIZE | THIRD ANGLE PROJECTION | SERIES MATERIAL NUMBER CUSTOMER 146179 | | | | | | | |
| | 0 PLACES ± | A3 | | DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER 1461794011 PSD 000 2 OF 2 | | | | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | |