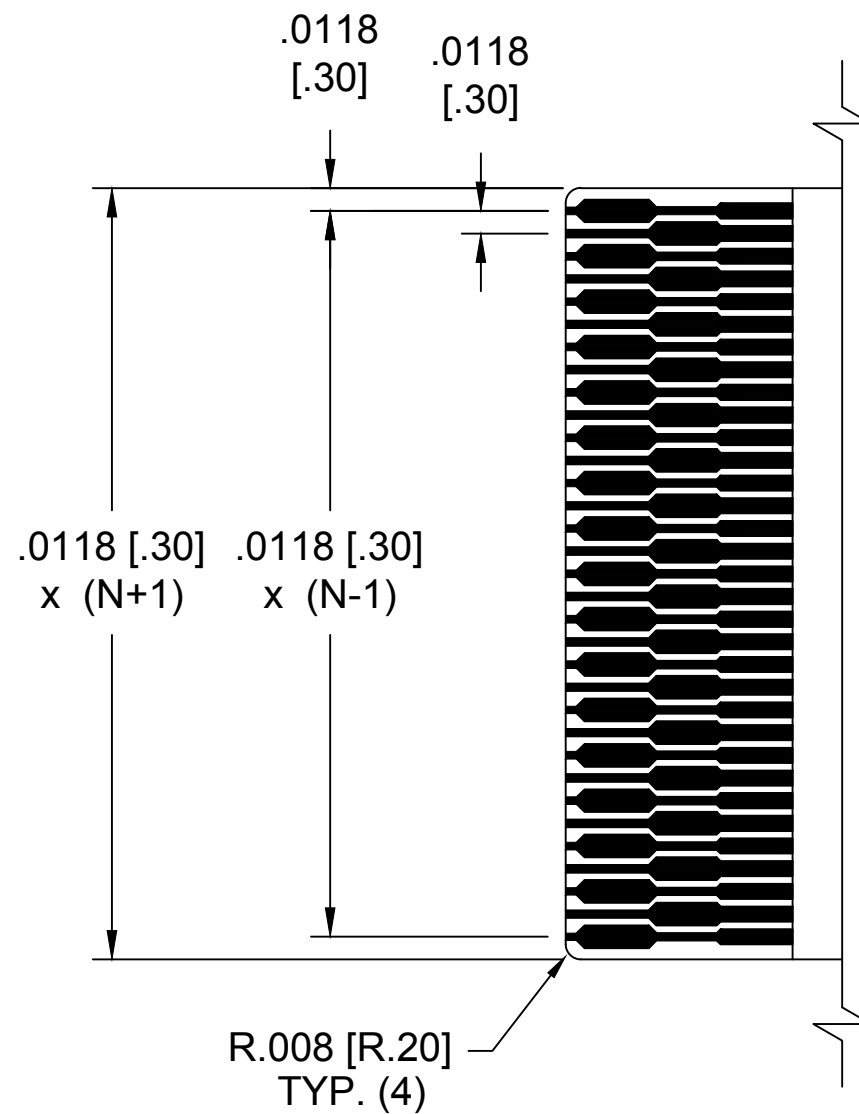


| | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|-----------|----------|----------------------|----------------------|---|---|---|---|---|---|---|---|---|
| | PART NO. | CIRCUITS | LENGTH ±.01 [.25] | WIDTH ±.004 [.10] | | | | | | | | | |
| J | 150150223 | 23 | 2.00 [50.8] | .283 [7.2] | | | | | | | | | |
| | 150150423 | 23 | 4.00 [101.6] | .283 [7.2] | | | | | | | | | |
| | 150150623 | 23 | 6.00 [152.4] | .283 [7.2] | | | | | | | | | |
| | 150150823 | 23 | 8.00 [203.2] | .283 [7.2] | | | | | | | | | |
| | 150151023 | 23 | 10.00 [254.0] | .283 [7.2] | | | | | | | | | |
| I | 150150225 | 25 | 2.00 [50.8] | .307 [7.8] | | | | | | | | | |
| | 150150425 | 25 | 4.00 [101.6] | .307 [7.8] | | | | | | | | | |
| | 150150625 | 25 | 6.00 [152.4] | .307 [7.8] | | | | | | | | | |
| | 150150825 | 25 | 8.00 [203.2] | .307 [7.8] | | | | | | | | | |
| | 150151025 | 25 | 10.00 [254.0] | .307 [7.8] | | | | | | | | | |
| H | 150150227 | 27 | 2.00 [50.8] | .331 [8.4] | | | | | | | | | |
| | 150150427 | 27 | 4.00 [101.6] | .331 [8.4] | | | | | | | | | |
| | 150150627 | 27 | 6.00 [152.4] | .331 [8.4] | | | | | | | | | |
| | 150150827 | 27 | 8.00 [203.2] | .331 [8.4] | | | | | | | | | |
| | 150151027 | 27 | 10.00 [254.0] | .331 [8.4] | | | | | | | | | |
| G | 150150229 | 29 | 2.00 [50.8] | .354 [9.0] | | | | | | | | | |
| | 150150429 | 29 | 4.00 [101.6] | .354 [9.0] | | | | | | | | | |
| | 150150629 | 29 | 6.00 [152.4] | .354 [9.0] | | | | | | | | | |
| | 150150829 | 29 | 8.00 [203.2] | .354 [9.0] | | | | | | | | | |
| | 150151029 | 29 | 10.00 [254.0] | .354 [9.0] | | | | | | | | | |
| F | 150150233 | 33 | 2.00 [50.8] | .403 [10.2] | | | | | | | | | |
| | 150150433 | 33 | 4.00 [101.6] | .403 [10.2] | | | | | | | | | |
| | 150150633 | 33 | 6.00 [152.4] | .403 [10.2] | | | | | | | | | |
| | 150150833 | 33 | 8.00 [203.2] | .403 [10.2] | | | | | | | | | |
| | 150151033 | 33 | 10.00 [254.0] | .403 [10.2] | | | | | | | | | |
| E | 150150239 | 39 | 2.00 [50.8] | .472 [12.0] | | | | | | | | | |
| | 150150439 | 39 | 4.00 [101.6] | .472 [12.0] | | | | | | | | | |
| | 150150639 | 39 | 6.00 [152.4] | .472 [12.0] | | | | | | | | | |
| | 150150839 | 39 | 8.00 [203.2] | .472 [12.0] | | | | | | | | | |
| | 150151039 | 39 | 10.00 [254.0] | .472 [12.0] | | | | | | | | | |
| D | 150150245 | 45 | 2.00 [50.8] | .543 [13.8] | | | | | | | | | |
| | 150150445 | 45 | 4.00 [101.6] | .543 [13.8] | | | | | | | | | |
| | 150150645 | 45 | 6.00 [152.4] | .543 [13.8] | | | | | | | | | |
| | 150150845 | 45 | 8.00 [203.2] | .543 [13.8] | | | | | | | | | |
| | 150151045 | 45 | 10.00 [254.0] | .543 [13.8] | | | | | | | | | |
| C | 150150251 | 51 | 2.00 [50.8] | .614 [15.6] | | | | | | | | | |
| | 150150451 | 51 | 4.00 [101.6] | .614 [15.6] | | | | | | | | | |
| | 150150651 | 51 | 6.00 [152.4] | .614 [15.6] | | | | | | | | | |
| | 150150851 | 51 | 8.00 [203.2] | .614 [15.6] | | | | | | | | | |
| | 150151051 | 51 | 10.00 [254.0] | .614 [15.6] | | | | | | | | | |

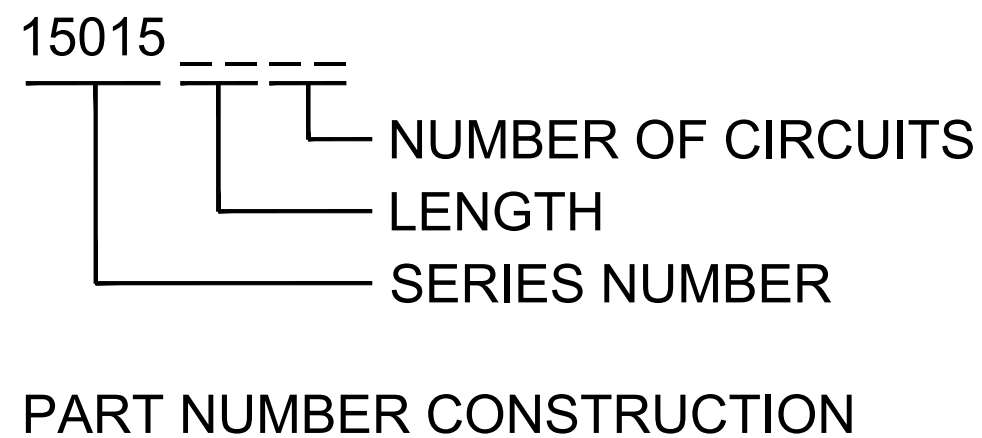
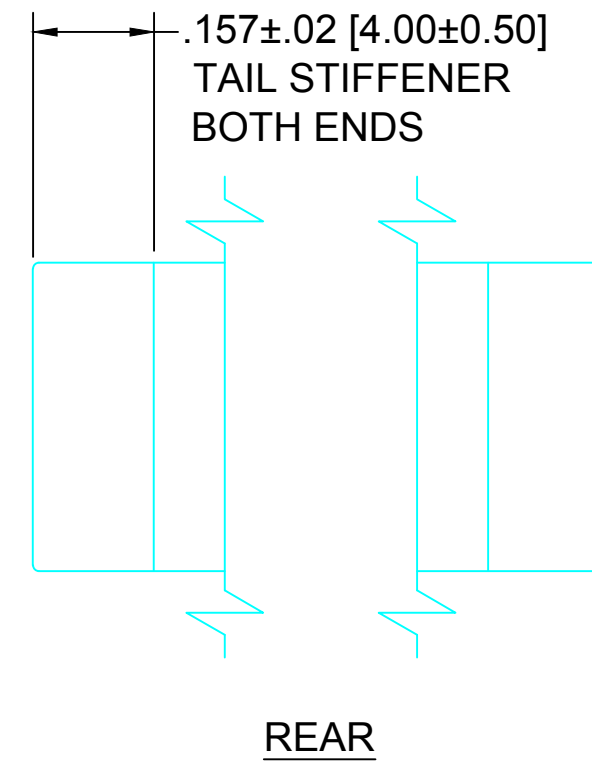
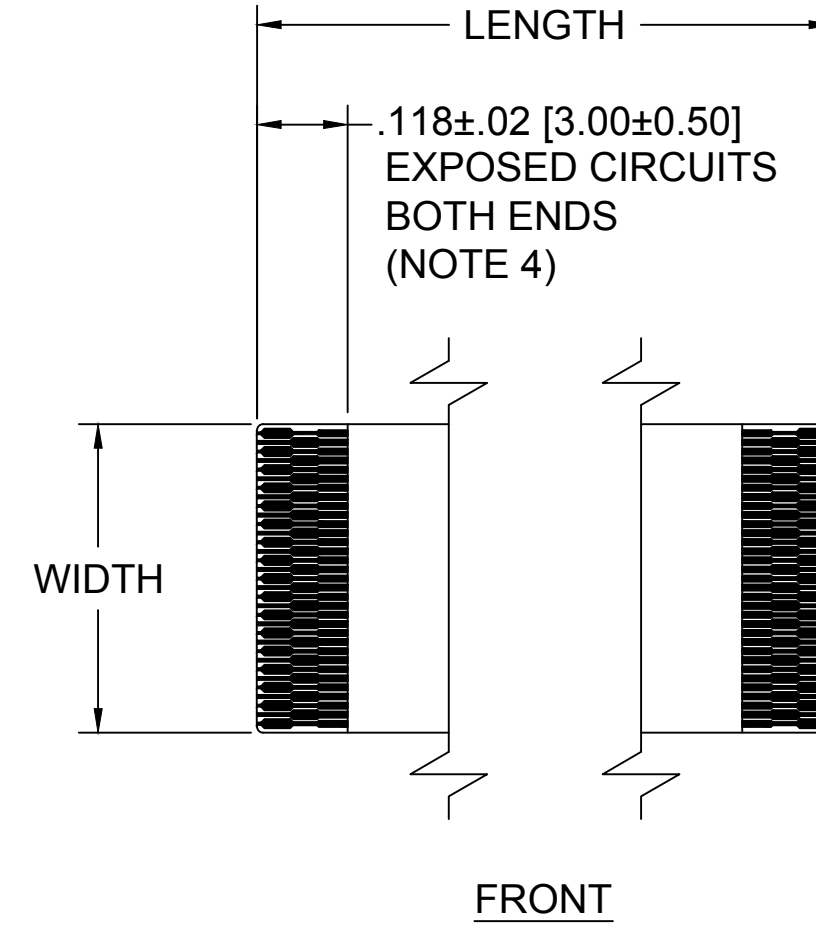
NOTES:

1. SUBSTRATE AND COVERLAY MATERIAL IS .001 [25uM] POLYIMIDE.
2. CONDUCTOR IS 1/2 OZ (.0007) [18uM] COPPER.
3. PLATING IS 2 MICRO INCHES MINIMUM OF HARD GOLD OVER 100 MICRO INCHES MINIMUM OF NICKEL.
4. TAIL ENDS ARE .008 [.20] THICK.
5. JUMPER CABLES ARE SUITABLE FOR USE WITH MOLEX 54393, 54809, & 500797 SERIES CONNECTORS.



N = NUMBER OF CONDUCTORS

JUMPER END DETAIL
33 CIRCUIT SHOWN



PART NUMBER CONSTRUCTION

| | | | | | | |
|---|----------------|--|---|--------------------------------|---------------------|------------------------|
| PRODUCTION RELEASE EC NO: USW2011-0077 DRWN: RJP 2011/09/28 DESCRIPTION REV A | QUALITY SYMBOL | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE INCH [MM] | SCALE NONE | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | ▽=0 ∇=0 | 4 PLACES ±--- ±--- | DRAWN BY R PYTER DATE 2011/09/28 | TITLE .3MM PITCH JUMPER CABLES | | |
| | | 3 PLACES ±--- ±.010 | CHECKED BY DATE | | | |
| | | 2 PLACES ±--- ±.030 | APPROVED BY SFULTON DATE 2011/11/15 | Molex MOLEX INCORPORATED | | |
| | | 1 PLACE ±--- ±--- | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-15015-001 | SHEET NO. 1 OF 1 | |
| | | ANGULAR ±1° | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | |