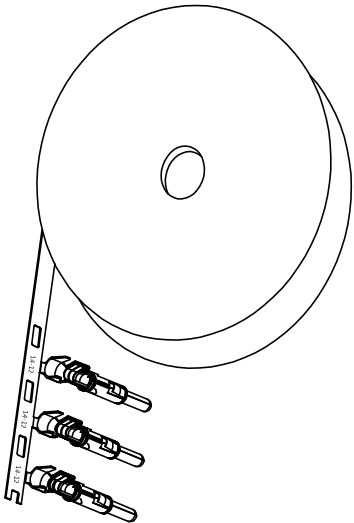
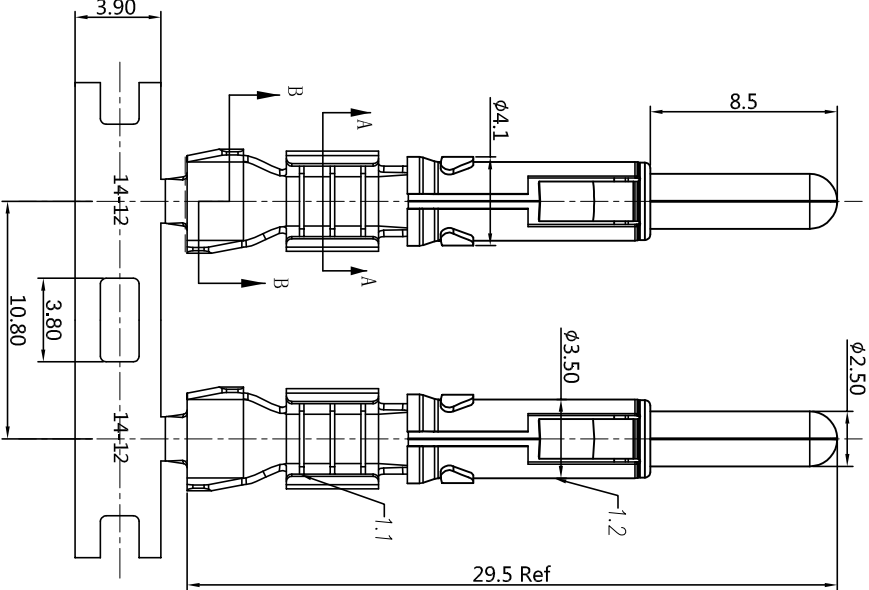


| REVISIONS |     |                   |             |             |
|-----------|-----|-------------------|-------------|-------------|
| REV       | ECO | DESCRIPTION       | DATE        | BY APPR     |
| B1        | -   | RELEASED DRAFTING | JAN-18-2014 | ARROW TOMMY |
| B2        | -   | UPDATE DRAWING    | NOV-09-2016 | FLAN TOMMY  |



CONTACT ORIENTATION ON ROLL



- NOTES : (UNLESS OTHERWISE SPECIFIED)
1. MATERIAL :
- 1.1. CONTACT BODY : COPPER ALLOY.
- 1.2. OUTER SPRING : STAINLESS STEEL.
2. SPECIFICATIONS :
- 2.1 CURRENT RATING : 23A MAX.
- 2.2 TERMINATION TYPE : CRIMPING.
- 2.3 WIRE RANGE : 14~12AWG.
- 2.4 WIRE INSULATION DIA(MAX) :  $\phi$ 4.3mm.
3. RoHS COMPLIANT.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| P/N       | CONTACT PLATING(MATING AREA)        |
|-----------|-------------------------------------|
| SP12A1T   | TIN PLATING OVER NICKEL.            |
| SP12A1F   | GOLD FLASH PLATING OVER NICKEL.     |
| SP12A1G10 | 10 $\mu$ "GOLD PLATING OVER NICKEL. |
| SP12A1G15 | 15 $\mu$ "GOLD PLATING OVER NICKEL. |
| SP12A1G30 | 30 $\mu$ "GOLD PLATING OVER NICKEL. |

| QUANTITY                              | PART NUMBER | DESCRIPTION                      | ITEM        |
|---------------------------------------|-------------|----------------------------------|-------------|
| MATERIALS LIST                        |             |                                  |             |
| UNLESS OTHERWISE SPECIFIED            |             | SIGNATURES                       |             |
| 1) All dimensions are in millimeters. |             | DRAWN                            | DATE        |
| 2) Tolerances are as follows:         |             | FLAN                             | NOV-09-2016 |
| 1 PL DEC 20.30                        |             | ORDERED                          | 100         |
| 3 PL DEC 20.08                        |             | ENGINEER                         | NOV-09-2016 |
| 3) Note reference = $\triangle$       |             | APPROVAL                         | TOMMY       |
| MATERIAL SPECIFICATIONS               |             | CUSTOMER                         | NOV-09-2016 |
| PROCESS SPECIFICATIONS                |             | ECO-MATE PIN CONTACT             |             |
| NEXT ASSY:                            |             | STAMPED, 14-12AWG, 2.5mm CONTACT |             |
| SIZE                                  |             | B C -                            |             |
| TYPE                                  |             | SP12A1XX                         |             |
| SCALE                                 |             | NONE                             |             |
| SHEET                                 |             | 1 OF 1                           |             |

Amphenol

Sine Systems - [www.amphenol-sine.com](http://www.amphenol-sine.com)  
44724 Morley Drive  
Clinton Township, MI 48036

TITLE:

ECO-MATE, PINS CONTACT, STAMPED, 14-12AWG, 2.5mm

DWG NO:

SP12A1XX

REV: B2

SH: 1

OF: 1

# Mouser Electronics

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