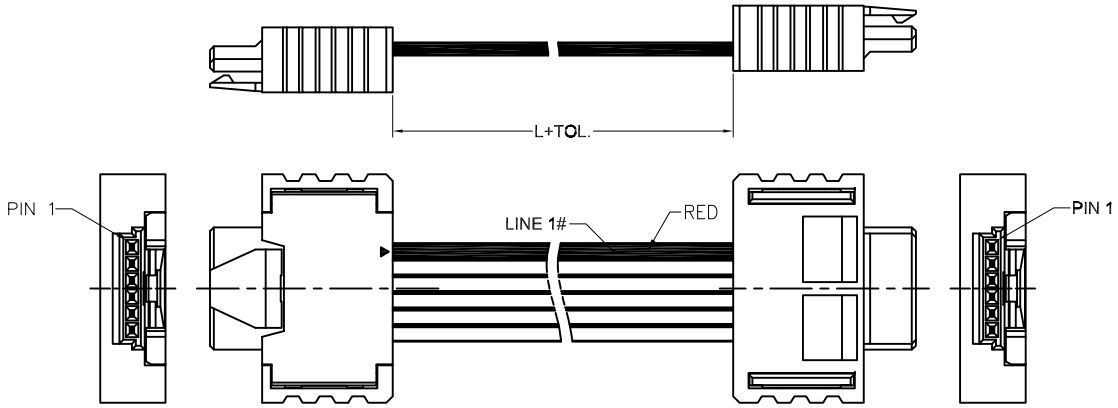
| Rev | AWO # | Description | Date | Appr |
|---|---|---|---|---|
| - | | RELEASED | 3/3/26 | |

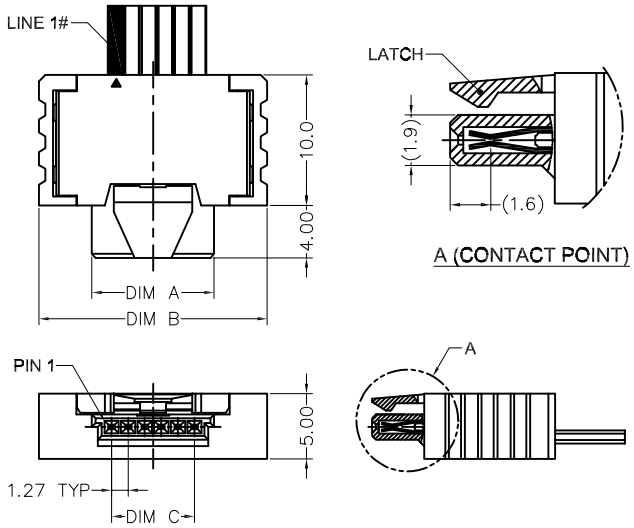
APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM CABLE ASSEMBLIES ARE NON-CANCELLABLE / NON-RETURNABLE




| L(Length) | TOL.(Tolerance) |
|---|---|
| <=1000mm | 0/+5mm |
| <=3000mm | 0/+10mm |
| >3000mm | 0/+20mm |




CA-ESMC1-F-F-XX-XXXX-C1

EX:
0150: 150mm
0300: 300mm
0500: 500mm
1000: 1000mm
Options
(by custom design)

| PIN NO. | DIM A | DIM B | DIM C |
|---|---|---|---|
| 2 | 4.29 | 12.42 | 1.27 |
| 3 | 5.56 | 13.69 | 2.54 |
| 4 | 6.83 | 14.96 | 3.81 |
| 6 | 9.37 | 17.50 | 6.35 |
| 8 | 11.91 | 20.04 | 8.89 |
| 10 | 14.45 | 22.58 | 11.43 |
| 12 | 16.99 | 25.12 | 13.97 |

**SPECIFICATIONS:**

**Connector:**
P1&P2 = 1.27 Pitch Single Row Solder Type Female Connector, (P/N: ESMC Series)
Housing: Thermoplastic, rated UL 94V-0
Contact: High Conductivity Copper, Selective Gold Flash Plated

**Cable:**
26 AWG, 1.27 Pitch
Insulator: PVC
Conductor: Tinned Copper (Construction: 7/0.16±0.005mm)

**Electrical:**
Current rating: 1.8A (All Conductor Carrying)
3.0A (One Conductor Carrying)

**Temperature Rating:**
Operating temperature: -20°C to +105°C

**Electrical Test:**
All Assemblies must be 100% Tested for
Shorts, Open, Continuity, and Physical Appearance.

Environmental:
Lead free, RoHS compliant

RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM .X ± 0.35 .XX ± 0.20 .XXX ± 0.10 ANGLE ± 2°

| | | |
|---|---|---|
| DRAWN | WY | 3/3/26 |
| CHECKED | RC | 3/3/26 |
| APPROVED | | |

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ADAM TECH
909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
adam-tech.com

TITLE
1.27 PITCH SINGLE ROW
SOLDER TYPE FEMALE CABLE ASSEMBLY

| SIZE | PART NO. | REV. |
|---|---|---|
| X | CA-ESMC1-F-F-XX-XXXX-C1 | - |

| REF: | SCALE: | SHEET |
|---|---|---|
| S00242T | NTS | 1 OF 2 |

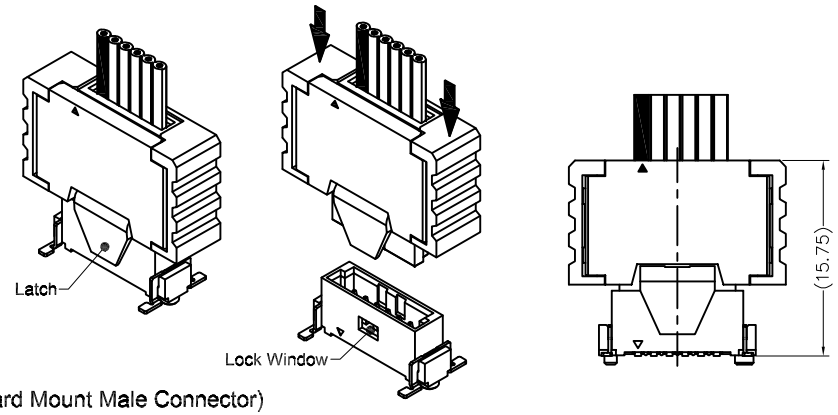
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| Rev | AWO # | Description | Date | Appr |
|---|---|---|---|---|
| SEE SHT 1 OF 2 FOR REVISION | | | | |

APPROVED: _____

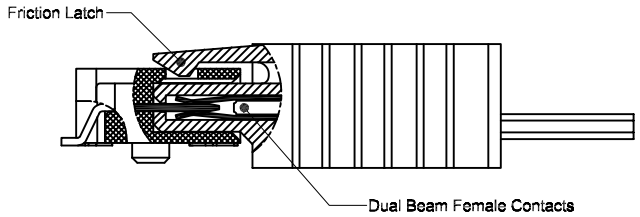
DATE: _____ TITLE: _____

(Wire to Board Female Cable)

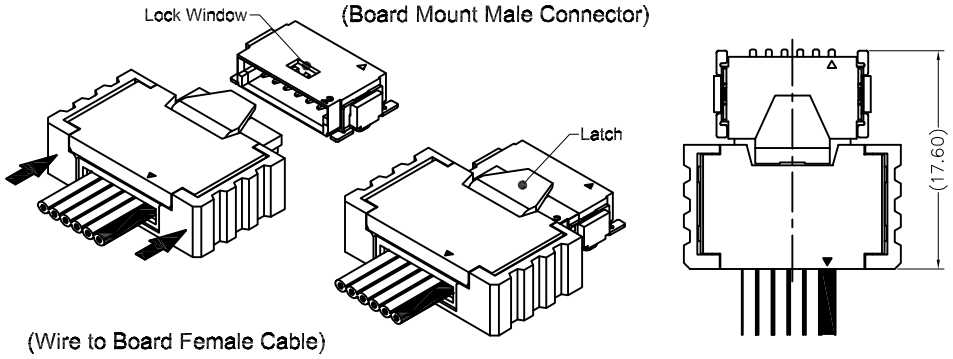



(Board Mount Male Connector)

Top Entry Mating Object




Contact Core & Locking Mechanism




(Wire to Board Female Cable)

Side Entry Mating Object

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

MM .X ± 0.35, .XX ± 0.20, .XXX ± 0.10 ANGLE ± 2°

| | | |
|---|---|---|
| DRAWN | WY | 3/3/26 |
| CHECKED | RC | 3/3/26 |
| APPROVED | | |

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TITLE
1.27 PITCH SINGLE ROW
SOLDER TYPE FEMALE CABLE ASSEMBLY

| SIZE | PART NO. | REV. |
|---|---|---|
| X | CA-ESMC1-F-F-XX-XXXX-C1 | - |

| REF: | SCALE: | SHEET |
|---|---|---|
| S00242T | NTS | 2 OF 2 |

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