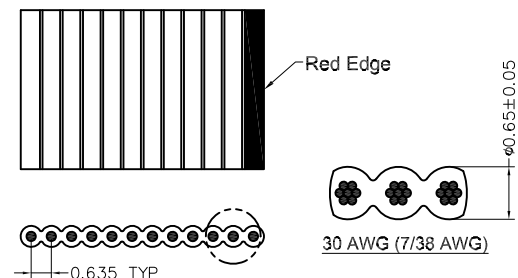
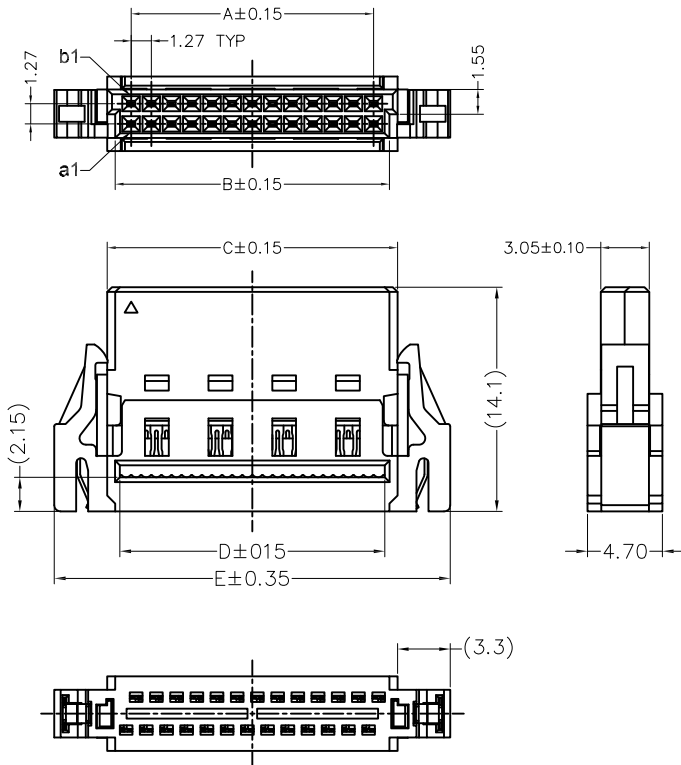


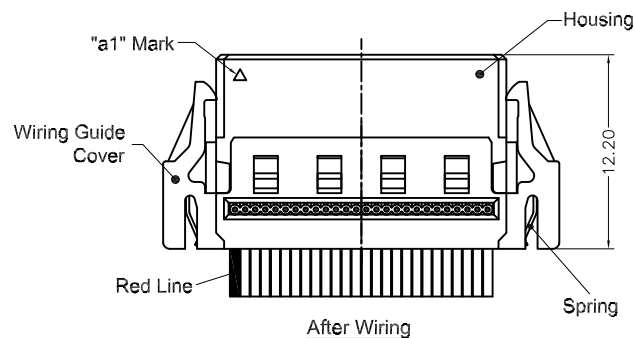
APPROVED: _____

DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----|-------|----------------|----------|-------|
| - | | RELEASED | 11/24/21 | |
| A | | ADDED PACKING | 12/10/21 | WX/RC |
| B | | UPDATE DRAWING | 1/10/24 | LH/LX |



RECOMMENDED CABLE DIMENSION



DIM. TABLE

| PIN NO. | DIMENSION | | | | |
|---------|-----------|-------|-------|-------|-------|
| | A | B | C | D | E |
| 12 | 6.35 | 8.35 | 9.35 | 7.82 | 16.20 |
| 16 | 8.89 | 10.89 | 11.89 | 10.36 | 18.74 |
| 20 | 11.43 | 13.43 | 14.43 | 12.90 | 21.28 |
| 26 | 15.24 | 17.24 | 18.24 | 16.71 | 25.09 |
| 32 | 19.05 | 21.05 | 22.05 | 20.52 | 28.90 |
| 40 | 24.13 | 26.13 | 27.13 | 25.60 | 33.98 |
| 50 | 30.48 | 32.48 | 33.48 | 31.95 | 40.33 |
| 68 | 41.91 | 43.91 | 44.91 | 43.38 | 51.76 |
| 80 | 49.53 | 51.53 | 52.53 | 51.00 | 59.38 |

SPECIFICATIONS:

Material:

Housing: Hi-Temp Thermoplastic, UL94V-0

Wiring guide cover: Hi-Temp Thermoplastic, UL94V-0

Contact: Phosphor Bronze

Spring: Stainless

Plating:

Gold flash over Nickel underplate on contact area

Tin over Nickel underplate on solder tails

Electrical:

Voltage rating: 100V DC

Current rating: 0.5 Amp (For 0.635 Pitch, 30AWG Cable)

Contact resistance: 25 mohms max

Insulation resistance: 1,000 Mohms min

Dielectric withstanding voltage: 500 VAC for 1 minute

Temperature Rating:

Operating temperature: -55°C to +125°C

Environmental:

Lead free, RoHS compliant.



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

| MM | ANGLE |
|-------------|---------|
| .X ± .35 | .X ± 2° |
| .XX ± .020 | |
| .XXX ± .015 | |

| | | |
|----------|----|----------|
| DRAWN | WX | 11/24/21 |
| CHECKED | RC | 11/24/21 |
| APPROVED | | |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH

ADAM
TECH

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

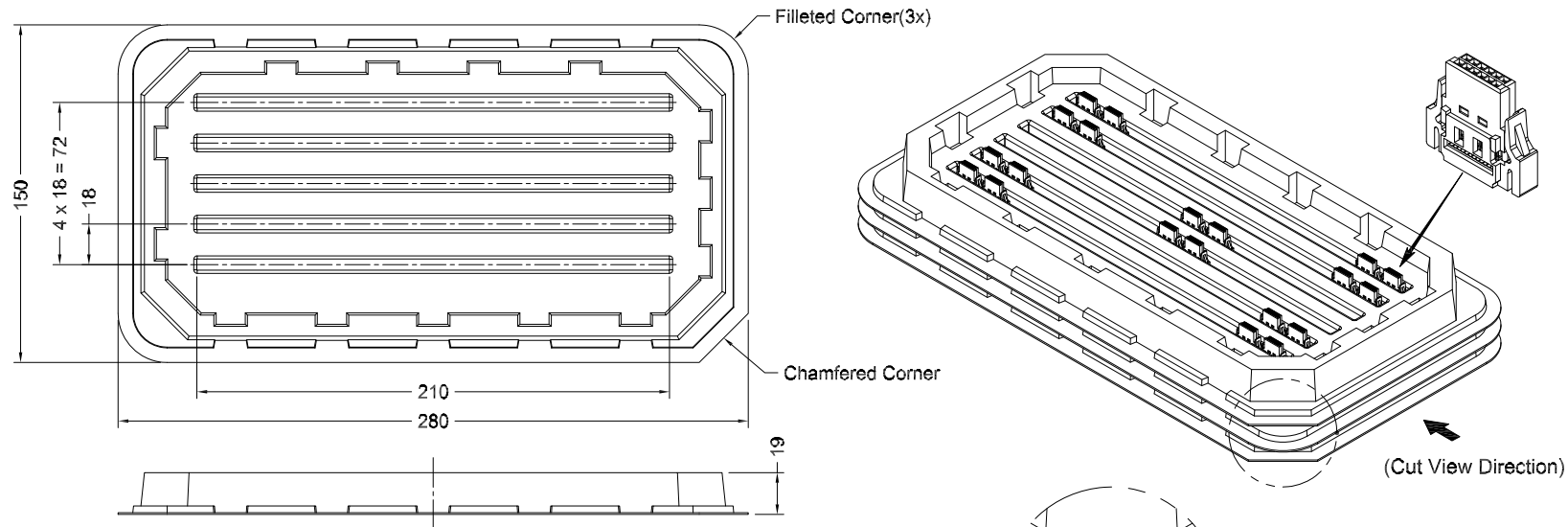
TITLE:
.050 [1.27] PITCH SMC FEMALE CONNECTOR
IDC TYPE, W/LATCH, SEL GOLD PLATED

| | | |
|--------------|---------------------------------------|--------------|
| SIZE X | PART NO. ESMC-F-XX-SGS-14.10-IDC-L | REV. B |
| REF: S00242T | SCALE: NTS | SHEET 1 OF 3 |

APPROVED: _____

DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----------------------------|-------|-------------|------|------|
| SEE SHT 1 OF 3 FOR REVISION | | | | |

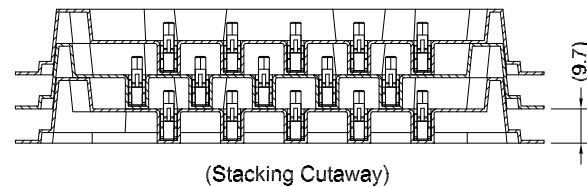
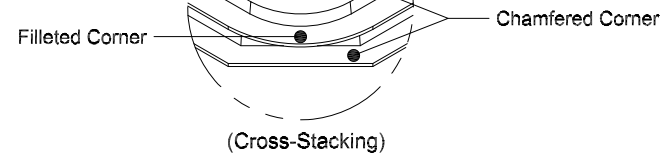


Packing List

| Item | pcs per row | pcs per tray | pcs per box | pcs per carton |
|---------------------------|-------------|--------------|-------------|----------------|
| ESMC-F-12-SGS-14.10-IDC-L | 12 | 60 | 780 | 1560 |
| ESMC-F-16-SGS-14.10-IDC-L | 11 | 55 | 715 | 1430 |
| ESMC-F-20-SGS-14.10-IDC-L | 9 | 45 | 585 | 1170 |
| ESMC-F-26-SGS-14.10-IDC-L | 8 | 40 | 520 | 1040 |
| ESMC-F-32-SGS-14.10-IDC-L | 7 | 35 | 455 | 910 |
| ESMC-F-40-SGS-14.10-IDC-L | 6 | 30 | 390 | 780 |
| ESMC-F-50-SGS-14.10-IDC-L | 5 | 25 | 325 | 650 |
| ESMC-F-68-SGS-14.10-IDC-L | 4 | 20 | 260 | 520 |
| ESMC-F-80-SGS-14.10-IDC-L | 3 | 15 | 195 | 390 |

NOTE

Material: PS
Color: Ivory



| | | |
|---|---------|--|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS [INCH]. TOLERANCES: EXCEPT AS NOTED | | |
| MM | ANGLE | |
| .X ± .35 | .X ± 2° | |
| .XX ± .020 | | |
| .XXX ± .015 | | |

| | | |
|----------|----|----------|
| DRAWN | WX | 11/24/21 |
| CHECKED | RC | 11/24/21 |
| APPROVED | | |

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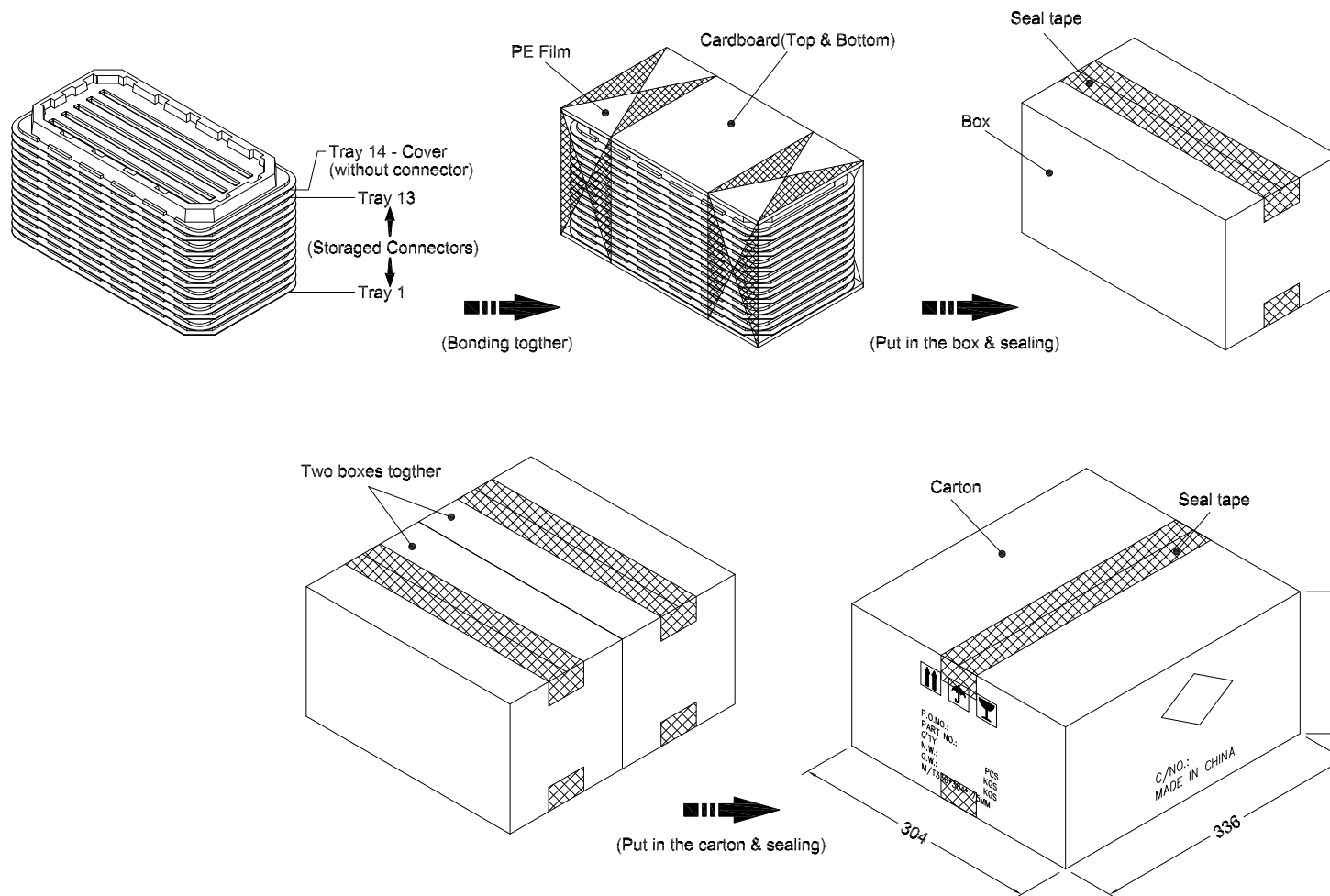
TITLE: .050 [1.27] PITCH SMC FEMALE CONNECTOR
IDC TYPE, W/LATCH, SEL GOLD PLATED

| | | |
|------|---------------------------|--------------|
| SIZE | PART NO. | REV. |
| X | ESMC-F-XX-SGS-14.10-IDC-L | B |
| REF: | S00242T | SCALE: NTS |
| | | SHEET 2 OF 3 |

APPROVED: _____

DATE: _____ TITLE: _____

| Rev | AWO # | Description | Date | Appr |
|-----------------------------|-------|-------------|------|------|
| SEE SHT 1 OF 3 FOR REVISION | | | | |



| | | | | | | |
|--|--------|----------|--------------------------|---|---|--|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS [INCH]. TOLERANCES: EXCEPT AS NOTED | | | <div>ADAM TECH</div> | | 909 Rahway Avenue, Union, NJ 07083 Phone: 908-687-5000 Fax: 908-687-5710 | |
| MM | | ANGLE | | | | |
| .X | ± .35 | .X | | | ± 2° | |
| .XX | ± .020 | | | | | |
| .XXX | ± .015 | | | TITLE .050 [1.27] PITCH SMC FEMALE CONNECTOR IDC TYPE, W/LATCH, SEL GOLD PLATED | | |
| DRAWN | WX | 11/24/21 | | | | |
| CHECKED | RC | 11/24/21 | | | | |
| APPROVED | | | | | | |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH | | | SIZE X | PART NO. ESMC-F-XX-SGS-14.10-IDC-L | REV. B | |
| | | | REF: S00242T | SCALE: NTS | SHEET 3 OF 3 | |