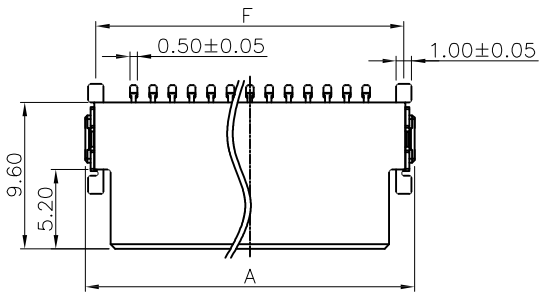
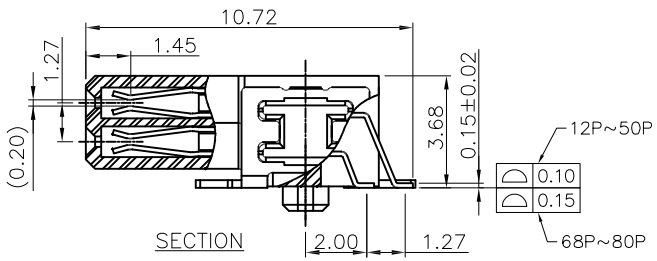
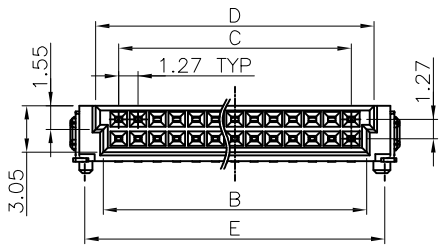
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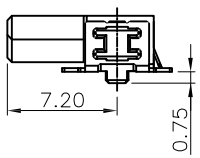
DATE: _____ TITLE: _____

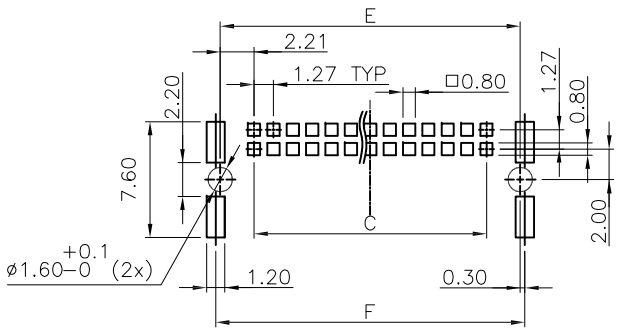
| Rev | AWO # | Description | Date | Appr |
|---|---|---|---|---|
| - | | RELEASED | 3/20/17 | |
| A | | UPDATE DRAWING | 3/18/20 | LH/DH |



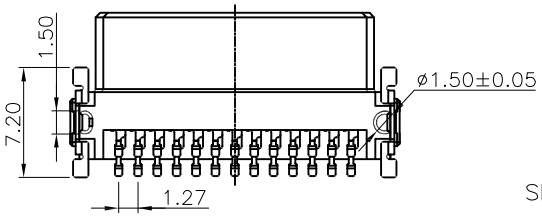



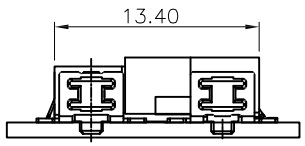




RECOMMENDED P.C.B LAYOUT




SMC Connector Board To Board Mating Length

| Pin No. | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 12 | 12.70 | 8.37 | 6.35 | 9.37 | 10.77 | 11.34 |
| 16 | 15.24 | 10.91 | 8.89 | 11.91 | 13.31 | 13.88 |
| 20 | 17.78 | 13.45 | 11.43 | 14.45 | 15.85 | 16.42 |
| 26 | 21.59 | 17.26 | 15.24 | 18.26 | 19.66 | 20.23 |
| 30 | 24.13 | 19.80 | 17.78 | 20.80 | 22.20 | 22.77 |
| 32 | 25.40 | 21.07 | 19.05 | 22.07 | 23.47 | 24.04 |
| 40 | 30.48 | 26.15 | 24.13 | 27.15 | 28.55 | 29.12 |
| 50 | 36.83 | 32.50 | 30.48 | 33.50 | 34.90 | 35.47 |
| 68 | 48.26 | 43.93 | 41.91 | 44.93 | 46.33 | 46.90 |
| 80 | 55.88 | 51.55 | 49.53 | 52.55 | 53.95 | 54.52 |

SPECIFICATIONS:

Material:

Insulator: Hi−temp thermoplastic, rated UL 94V−0

Insulator color: Black

Contacts: Phosphor Bronze

Board Lock: Brass, Tin plated

Plating:

Gold flash over Nickel underplate on contact area, Tin over Nickel underplate on solder tails

Electrical:

Current rating: 1.2 Amp max

Contact resistance: 25 mohms max

Insulation resistance: 1000 Mohms min

Withstanding voltage: 500 VAC for 1 minute

Temperature Rating:

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

Environmental:

Lead free, RoHS compliant.

RoHS COMPLIANT

PACKAGED ON TAPE & REEL

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

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

| APPROVALS | | DATE |
|---|---|---|
| DRAWN | AY | 3/20/17 |
| CHECKED | MC | 3/20/17 |
| APPROVED | | |


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


TITLE: 1.27mm BOARD TO BOARD STACKING CONNECTOR, FEMALE, RIGHT ANGLE, SMT TYPE

| SIZE | PART NO. | REV. |
|---|---|---|
| X | ESMC-F-XX-SGR-SMT-T/R | A |

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

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