

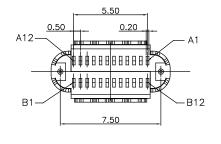
TOLERANCES UNLESS OTHERWISE SPECIFIED

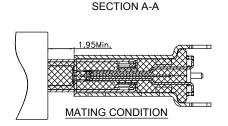
ANGLE ±2°

UNIT (MM) X.X ±0.30

X.XX ±0.20

X.XXX ±0.10





THIS IS A C.A.D. GENERATED DRAWING DO NOT MAKE MANUAL REVISIONS TO MASTER.

5.50

4.80

RECOMMEND P.C.B LAYOUT(COMPONENT SIDE)

TOLERANCE FOR PCB LAYOUT IS ± 0.05

0.50

1.00

85 B12

0.30

ISSUE NUMBER **ORIGINAL** 

(1) DRAWING REDRAWN

(2)

3

(4)

SHEET # 2 ADDED N.SONDH JAN. 05/16

DRAWING UPDATED J.TAN NOV. 16/16

PCB LAYOUT UPDATED J.TAN DEC. 6/17



Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V <sub>BUS</sub>	First	В9	V <sub>BUS</sub>	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	В7	Dn2	Second
A7	Dn1	Second	В6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V <sub>BUS</sub>	First	B4	V <sub>BUS</sub>	First
A10	SSRXn2	Second	ВЗ	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL		GND	SHELL		GND

- 1.MATERIAL:
  1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;Black Color
- 1.2 CONTACT: COPPER ALLOY(T=0.15mm)
- 1.3 SHELL:STAINLESS STEEL(T=0.20mm)

### 2.ELECTRICAL CHARACTERISTICS

- 2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 10mΩ CHANGE AFTER TEST. MEASURE AT
- 2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S. 2.4 INSULATION RESISTANCE 100MΩ Min
- 2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

- 3 MECHANICAL CHARACTERISTICS: 3.1 MATING FORCE: 5~20 N. 3.2 UNMATED FORCE: 8~20N AFTER TEST
- 3.3 DURABILITY: 10,000 CYCLES

4.1 TERMINAL CONTACT: GOLD FLASH PLATING IN CONTACT AREA AND 80u"Min Matte Tin ON SOLDER AREA ALL OVER 50u" Min NICKEL UNDERPLATE.

4.2 SHELL: 50u" Min. NICKEL ALL OVER

## USB C TYPE FEMALE SMT VERTICAL CONNECTOR

COMPLIANT

THIS SERIES FULLY CONFORMS TO THE EUROPEAN UNION DIRECTIVES 2011/65/EU RoHS COMPLIANCY.

4.80

 $2 - \emptyset 0.45$ 



**EDAC INC** TORONTO, ONTARIO **CANADA** YOUR CONNECTION TO QUALITY & SERVICE

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC INC.,AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

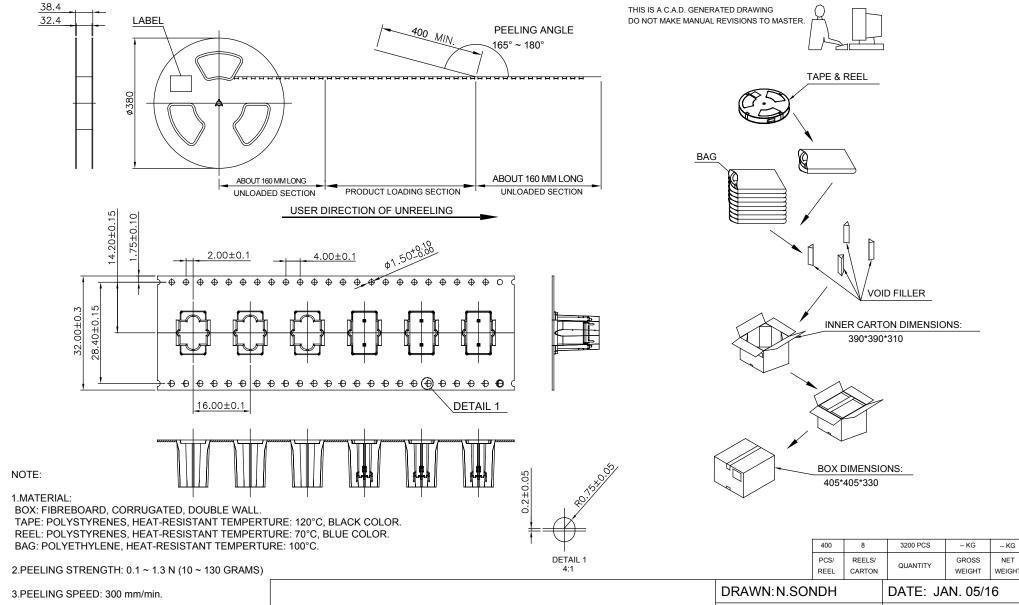
DRAWN: N.SONDH	DATE: JAN. 05/16
CHECKED:	DATE:
PART NUMBER	SH 1 OF 2

690-024-294-031

DRAWING NUMBER

**ISSUE** 

690-024-294-031



4.EACH BAG SHALL BE INCLUDED DESICCANT.



THIS SERIES FULLY CONFORMS TO THE **EUROPEAN UNION DIRECTIVES 2011/65/EU** RoHS COMPLIANCY.

# USB C TYPE FEMALE SMT VERTICAL CONNECTOR

YOUR CONNECTION TO QUALITY & SERVICE

**EDAC INC** TORONTO, ONTARIO CANADA

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC INC., AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN: N.SONDH	DATE: JAN. 05/16
CHECKED:	DATE:

PART NUMBER SH 2 OF 2

690-024-294-031

DRAWING NUMBER **ISSUE** 690-024-294-031