

SPECIFICATIONS

Current Rating: 0.5A
Contact Resistance: 30mΩ Max.
Insulator Resistance: 500MΩ Min.
Dielectric Voltage: 100V AC for one minute
Operating temperature: -40°C to +125°C

Material

Housing: Hi-Temp. Thermoplastic, UL94V-0, Natural
Contacts: Phosphor Bronze

ORDER INFORMATION

5

B

B

0

8

5

C

X

X

F

-

X

X

X

X

U

X

-

0

1

△D

△B

△E

Plastic Height
38:H2=3.75
78:H2=7.75
2B:H2=11.75

△C

No. of contacts
(See Table)

△E

S3:3u"
SB:10u"

RoHS

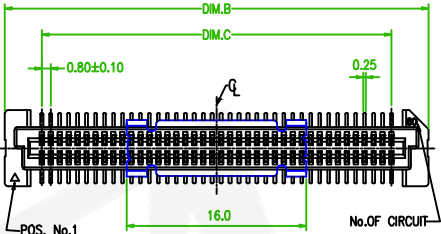
R:T/R with Cap
C:Tube with Cap



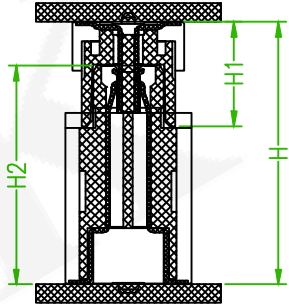
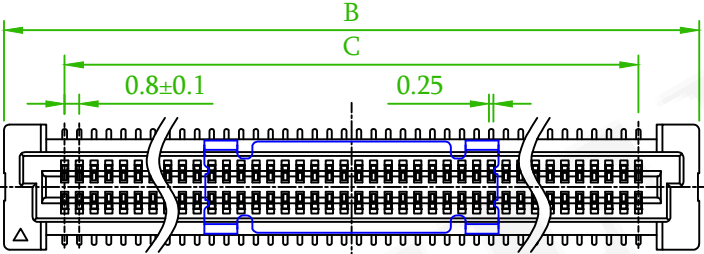
AMTEK 耀德
2023.05.11
Released DCC

No. of Contacts	Dimensions(mm)		
	A	B	C
40	20.20	21.80	15.20
60	28.20	29.80	23.20
80	36.20	37.80	31.20
100(A1)	44.20	45.80	39.20
120(A2)	52.20	53.80	47.20
140(A6)	60.20	61.80	55.20
160(A7)	68.20	69.80	63.20
180(A8)	76.20	77.80	71.20
200(A9)	84.20	85.80	79.20

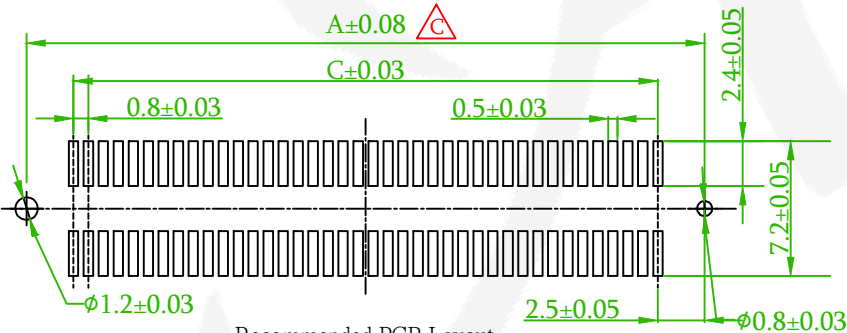
Dimension(mm)		
Female P/N	Male P/N	Mated Height
5BB085C38F-XXXXXUR-01	5BB085C46M-XXXXXUR-01	5.0
	5BB085C56M-XXXXXUR-01	6.0
	5BB085C66M-XXXXXUR-01	7.0
	5BB085C76M-XXXXXUR-01	8.0
	5BB085C46M-XXXXXUR-01	9.0
5BB085C78F-XXXXXUR-01	5BB085C56M-XXXXXUR-01	10.0
	5BB085C66M-XXXXXUR-01	11.0
	5BB085C76M-XXXXXUR-01	12.0
	5BB085C46M-XXXXXUR-01	13.0
	5BB085C56M-XXXXXUR-01	14.0
5BB085C2BF-XXXXXUR-01	5BB085C66M-XXXXXUR-01	15.0
	5BB085C76M-XXXXXUR-01	16.0



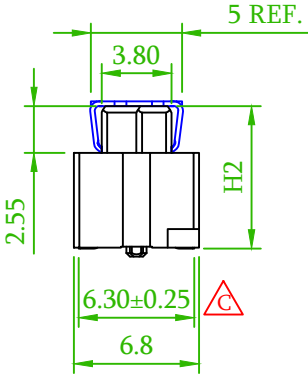
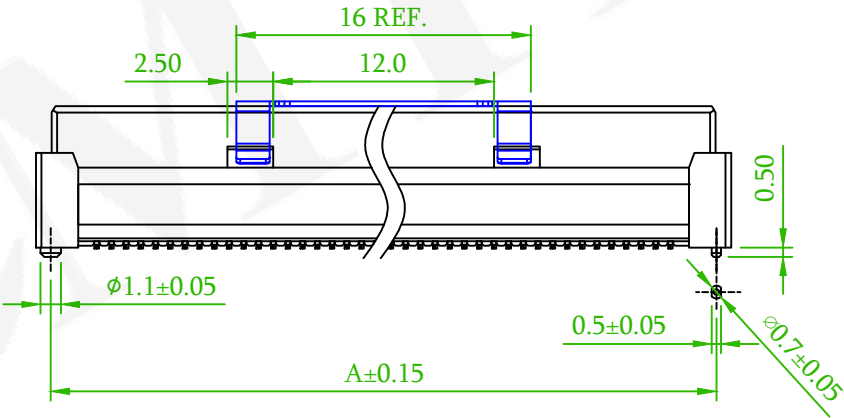
△E 5BB085C38F-XXXXXUR-01



△E Assembly



Recommended PCB Layout
(PCB TOLERANCE ±0.05)



Old Part No. : 53BTBD05F-xxxxxxWUx-C1

△Ex4	ECN NO.:230405 Revise the plated options	Alice	2023/05/08
△Dx3	ECN-200110.: Add the Housing Color	Benson	2020/03/07
△Cx3	QEC.:190813 Remove: G3,GA Revise: Dimension	David	2019/09/05
REV.	ECN NO. OR DESCRIPTION	REVISED	DATE

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品名 TITLE		0.8 mm BOARD TO BOARD FEMALE V/T SMT TYPE			頁數 Page	1/1
品號 PART NO.		5BB085CXXF-XXXXXUR-01			繪圖 DRAWN	Roy 2016/02/16
圖號 DRAWING NO.		GN003-GB589	版本 REV.	E	核對 CHECKED	Josh 2018/11/20
客戶品號 CUSTOMER P/N			比例 SCALE	None	承認 APPROVED	Jason 2018/11/20
公差 TOLERANCE		.X ± 0.40 .XX ± 0.25	.X°±3	單位 UNIT	mm	THIRD ANGLE PROJECTION