

A

B

C

D

E

A

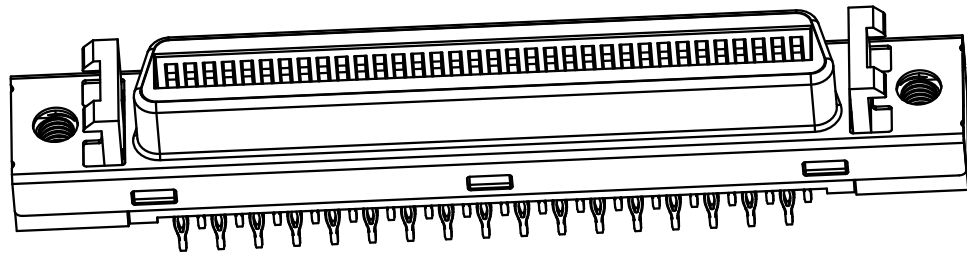
B

C

D

E

- Performance characteristics:
- 1.Main body part material
Insulator: PBT BLACK UL94V-0
Contact terminal: copper alloy,1.27 μm Min.Ni under plated, Au0.38 μm Min. plated Contact area and matte Sn0.5~2.54 μm Min. at tail
 - 2.Electrical requirements:
Current rating: 1 A
Working voltage: 48 V
Contact resistance: ≤35 mΩ, ΔR=10mΩ
Insulation resistance: ≥500 MΩ
Withstanding voltage: 500 Vr.m.s, 1mA, 60s
 - 3.Mechanical requirements
Insertion force: ≤100 N
Extraction force: ≥15N
Mechanical life: 500 cycles
Press fit force: 70N Max./pin 4760N Max./Total
Press retention force: 8N Min./pin
 - 4.Environment specification
Working temperature: -40℃~+85℃
 - 5.Packing & storing
Method of packing: tray, inner box, outer box
Storing condition: temperature of -10℃~+40℃
below 80% relative humidity
 - 6.Style of installation: Press fit
 - 7.To prevent the pollution of the environment product info
RoHS agreement:In line with the european union RoHS.



68PIN 3D VIEW

Unless otherwise specified tolerance:

X.	±0.50	X. °	±3°
.X	±0.38	.X°	±2°
.XX	±0.25		

Mark	NO.	File NO.	Signature	Date
DRAW			Jiexing Zhu	2019.12.25
CHK			Lawrence	2021.02.23
MAN				
STD			Juanli lia	2021.02.24
APP			Alan	2021.02.24

1.27mm Pitch MDR 68P Straight Female FRESS-FIT	SL0.1865.013			
	Projection	Rev.	Weight	Scale
		A0		
1865-686-P7-1		All Dimensions in mm		
Sheet 1 of 1				