

# IDC type female connector for panels

## PCS-XE( )SPF( )1UN( )

<b>1.27 mm pitch connectors</b>
<b>For Cables</b>
<b>IDC (1.27 mm)</b>
<b>SCSI-III</b>



● Configuration of product Part No.

### PCS-XE ( ) SPF ( ) 1 U N ( )

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series name C : AWG#28(7 / 0.127), AWG#30(1 / 0.254). For flat cable, t=1.0 mm.
- ② No. of contacts: 50, 68 or 100 E : AWG#30(7 / 0.1). For flat cable, t= 1.0 mm.
- ③ Type of connector  
SPF : IDC type, female J : AWG#28(7 / 0.127), AWG#30(1 / 0.254). Outside diameter of insulation is 0.65–0.8 mm. For discrete wire.
- ④ Cable sizes for reference purposes  
(In case the cable insulation is made of PVC resin)  
Blank : AWG#28(7 / 0.27), AWG#30(1 / 0.254). Outside diameter of insulation is 0.5–0.65 mm. For discrete wire.  
A : AWG#28(7 / 0.127), AWG#30(1 / 0.254). Outside diameter of insulation is 0.5–0.65 mm. For discrete wire.  
B : AWG#30(7 / 0.1). Outside diameter of insulation is 0.5–0.65 mm. For discrete wire.
- ⑤ Screw size U : #4–40UNC
- ⑥ Lock type N: Screw lock
- ⑦ Contact plating  
Blank : Min. 0.2 μm Gold plating  
G1 : Min. 0.76 μm Gold plating

**For 68 or 100-contact connector**

**Note: This 100-contact connector is not available for flat cable.**

**● Components**

①	Contacts
②	Shell
③	Insulator
④	Screw block
⑤	Cable cover

Because some combinations of "Configurations of Product Part No.", are under consideration for development, please contact us for availability details.

**● Dimensions**

Part No.	A	B	C	D	E
PCS-XE50SPF( )1UN( )	53.3	46.5	30.48	34.7	40.7
PCS-XE68SPF( )1UN( )	64.73	57.9	41.91	46.13	52.1
PCS-XE100SPF( )1UN( )	85.05	78.23	62.23	66.45	72.4

Mating connectors: PCS-XE series of male connectors