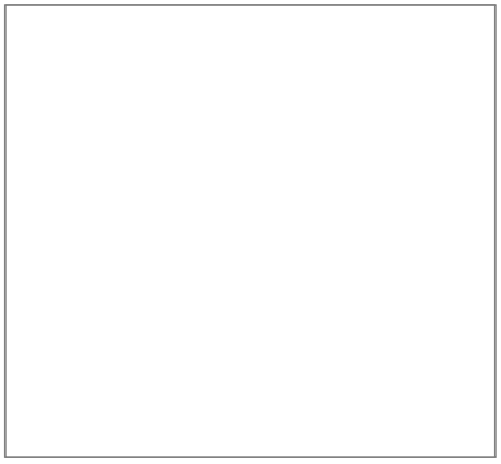
FX Series 0.8mm Pitch Stacking Height 5 to 9mm Connector

Without Boss Type

Receptacle-Stacking Height:Standard type



B PCB mounting pattern

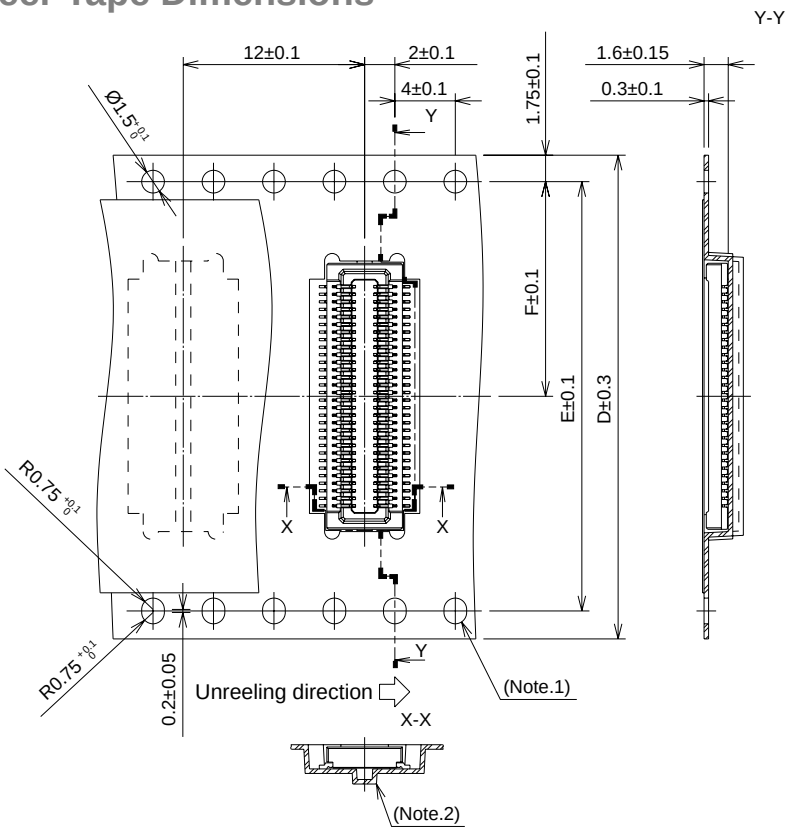
Unit: mm

Part Number	CL No.	Number of Contacts	A	B	C	D	RoHS
FX8A-20P-0.8SV2(71)	576-0230-1-7-71	20	15.8	12.95	10.7	7.2	Yes
FX8A-40P-0.8SV2(71)	576-0230-2-7-71	40	23.8	20.95	18.7	15.2	
FX8A-50P-0.8SV2(71)	576-0230-4-5-71	50	27.8	24.95	22.7	19.2	
FX8A-60P-0.8SV2(71)	576-0230-5-8-71	60	31.8	28.95	26.7	23.2	
FX8A-80P-0.8SV2(71)	576-0230-7-3-71	80	39.8	36.95	34.7	31.2	
FX8A-100P-0.8SV2(71)	576-0230-8-6-71	100	47.8	44.95	42.7	39.2	

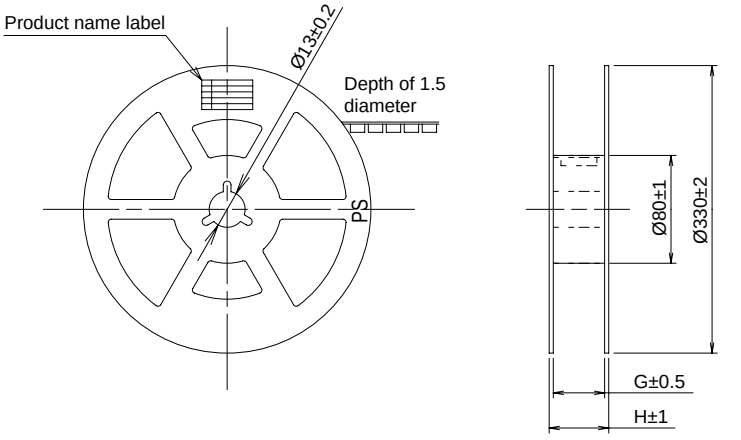
Note: Determine a quantity of the stick package product for delivery, multiplying the insertion pieces per contact number by an integer. Please make sure that a quantity of the stick package product for delivery is determined per reel (1000 pieces). (Refer to the delivery form item on page A144 for details.)

Embossed Career Tape Dimensions

Receptacles



Reel Dimensions

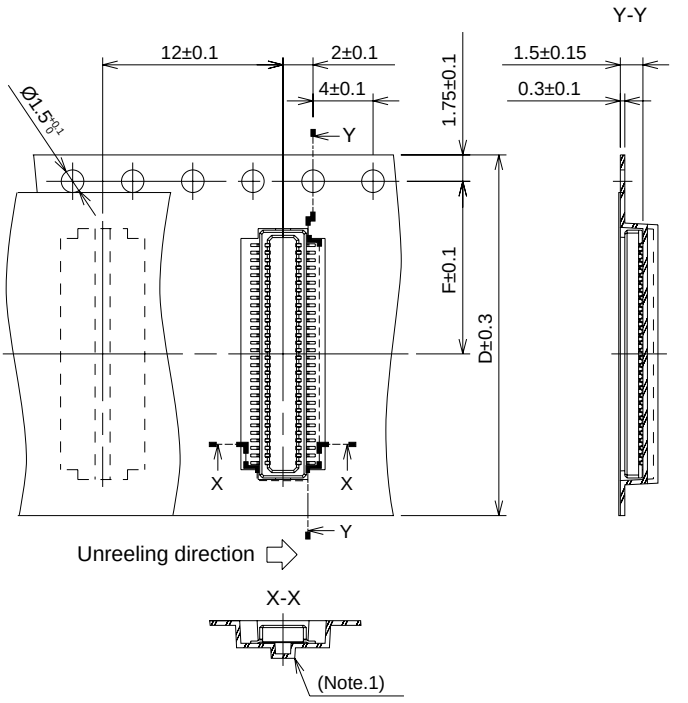


Unit: mm

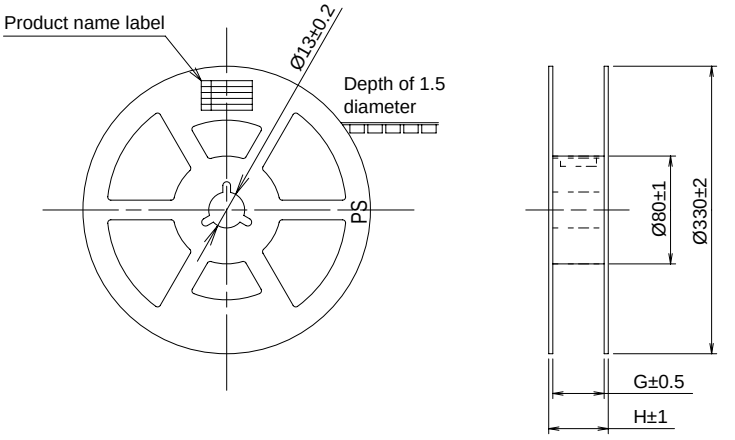
Product No.	D	E	F	G	H
DF23C-10DS-0.5V(**)	16.0	—	7.5	17.5	21.5
DF23C-12DS-0.5V(**)	16.0	—	7.5	17.5	21.5
DF23C-14DS-0.5V(**)	16.0	—	7.5	17.5	21.5
DF23C-16DS-0.5V(**)	16.0	—	7.5	17.5	21.5
DF23C-18DS-0.5V(**)	16.0	—	7.5	17.5	21.5
DF23C-20DS-0.5V(**)	16.0	—	7.5	17.5	21.5
DF23C-22DS-0.5V(**)	24.0	—	11.5	25.5	29.5
DF23C-30DS-0.5V(**)	24.0	—	11.5	25.5	29.5
DF23C-40DS-0.5V(**)	24.0	—	11.5	25.5	29.5
DF23C-50DS-0.5V(**)	24.0	—	11.5	25.5	29.5
DF23C-60DS-0.5V(**)	32.0	28.4	14.2	33.5	37.5

Note 1: This side feed hole is added to embossed tape where the D dimension is 32.0 min. wide.
Note 2: (53) packaging code embossed tape is without the bottom surface protrusion.

Plugs



Reel Dimensions



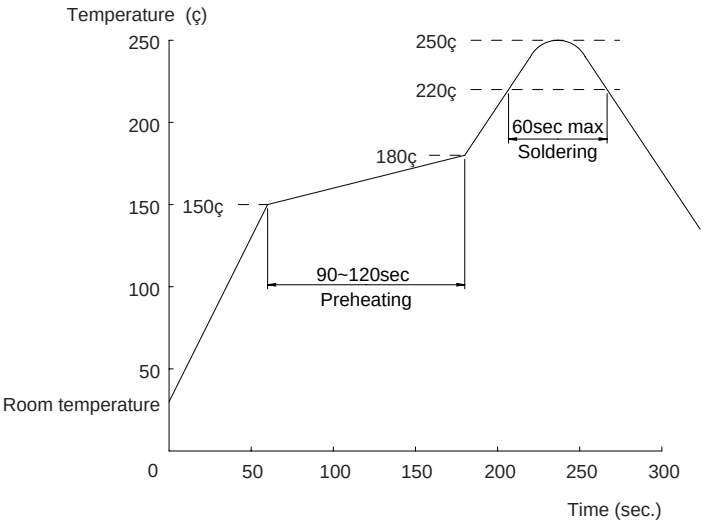
Unit: mm

Product No.	D	F	G	H
DF23C-10DP-0.5V(**)	16.0	7.5	17.5	21.5
DF23C-12DP-0.5V(**)	16.0	7.5	17.5	21.5
DF23C-14DP-0.5V(**)	16.0	7.5	17.5	21.5
DF23C-16DP-0.5V(**)	16.0	7.5	17.5	21.5
DF23C-18DP-0.5V(**)	16.0	7.5	17.5	21.5
DF23C-20DP-0.5V(**)	16.0	7.5	17.5	21.5
DF23C-22DP-0.5V(**)	24.0	11.5	25.5	29.5
DF23C-30DP-0.5V(**)	16.0	7.5	17.5	21.5
DF23C-40DP-0.5V(**)	24.0	11.5	25.5	29.5
DF23C-50DP-0.5V(**)	24.0	11.5	25.5	29.5
DF23C-60DP-0.5V(**)	24.0	11.5	25.5	29.5

Note : Code number (91) embossed tape is without the bottom surface protrusion.

The product information in this catalog is for reference only. Please request the Engineering Drawing for the most current and accurate design information.
All non-RoHS products have been discontinued, or will be discontinued soon. Please check the products status on the Hirose website RoHS search at www.hirc

Usage Precautions

1.Recommended Temperature Profile Temperature	 Note 1: Up to 2 cycles of Reflow soldering are possible under the same conditions, provided that there is a return to normal temperature between the first and second cycle. Note 2: The temperature profile indicates the board surface temperature at the point of contacts with the connector terminals.
2.Recommended Manual Soldering Conditions	Temperature: 290ç± 10ç , Soldering time: within 2 sec.
3.Recommended Screen Thickness and Open Area Ratio (Pattern Area Ratio)	Thickness : 0.12 mm Open Area ratio: 80%
4.Board Warping	Maximum of 0.03 mm at the connector center section, with both ends of the connector as reference points.
5.Cleaning Conditions	Refer to the "Nylon Connector Use Handbook."
6.Use and handling precautions.	When manually handling the connectors avoid touching any portion of exposed terminal leads. This may cause deformation and lead to difficulties with placement and soldering on the PCB. When mating/un-mating do not use excessive force or lifting of one side only.