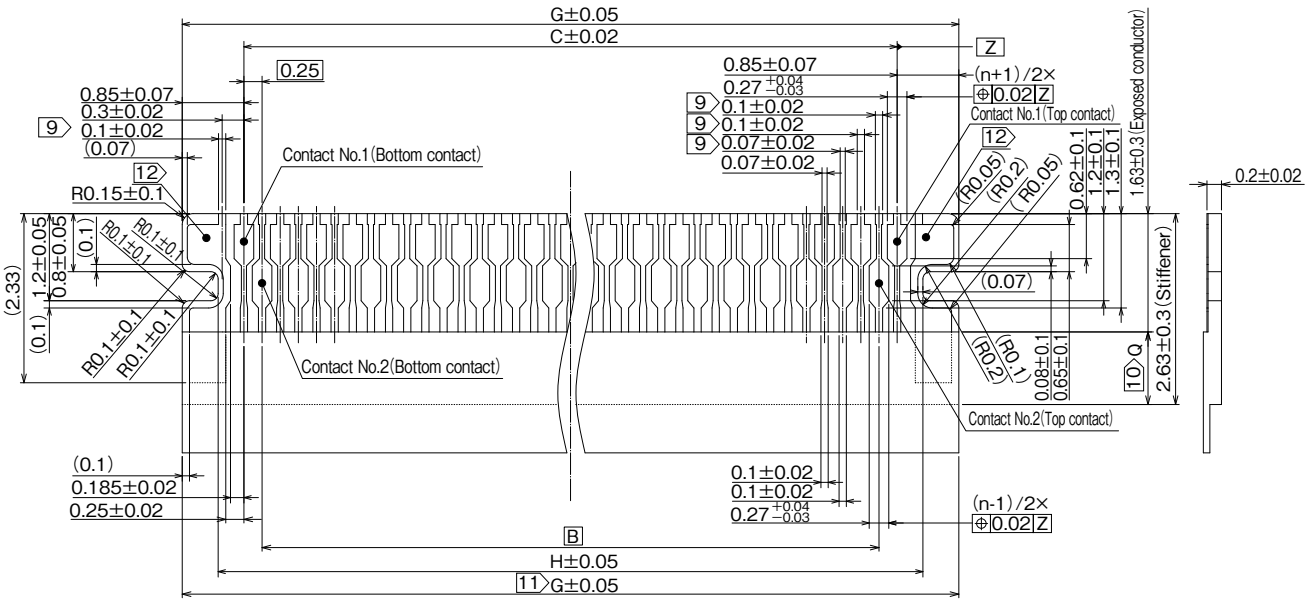
FH58M(A) Series (P=0.25mm pitch, standard/long type actuator)

◆Recommended FPC Dimensions



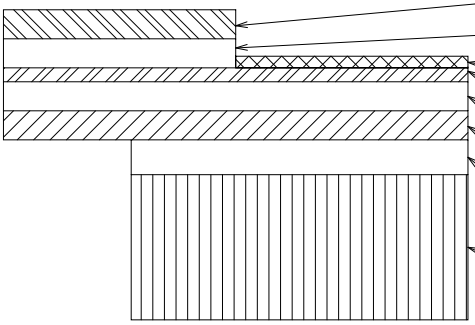
Note 9 Shows recommended dimensions when lead for plating is required.
Note 10 Dimention Q must be 0.5 mm minimum.
Note 11 Indicated tolerance is applicable to the exposed conductor.
Note 12 Both end sides of contact pad on FPC cannot be used for signal transmission.

◆Recommended FPC Pattern Dimensions

Units : mm

Part No.	HRS No.	No. of Contacts	B	C	G	H
FH58M-7S-0.25SHW(**)	—	7	1	1.5	3.2	2.21
FH58M-11S-0.25SHW(**)	—	11	2	2.5	4.2	3.21
FH58M-21S-0.25SHW(**)	—	21	4.5	5	6.7	5.71
FH58M-31S-0.25SHW(**)	—	31	7	7.5	9.2	8.21
FH58M-41S-0.25SHW(**)	—	41	9.5	10	11.7	10.71
FH58MA-45S-0.25SHW(**)	—	45	10.5	11	12.7	11.71
FH58MA-51S-0.25SHW(**)	—	51	12	12.5	14.2	13.21
FH58MA-61S-0.25SHW(**)	—	61	14.5	15	16.7	15.71
FH58MA-71S-0.25SHW(**)	—	71	17	17.5	19.2	18.21

◆FPC Construction (Recommended Specifications)



MATERIAL NAME	MATERIAL	THICKNESS (μm)
Covering film layer	Polyimide 1mil	25
Cover adhesive		25
Surface treatment	1μm to 6μm nickel underplated 0.2μm gold plated	(4)
Copper foil	Cu 1oz	35
Base adhesive	Heat-hardened adhesive	25
Base film	Polyimide 1mil	25
Reinforcement material adhesive	Heat-hardened adhesive	40
Stiffener	Polyimide 3mil	75

◆Note

1. This specification is recommendation for the construction of the FH58/FH58M series FPC (t=0.2±0.02 mm)
2. For details about the construction, please contact FPC manufactures.

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