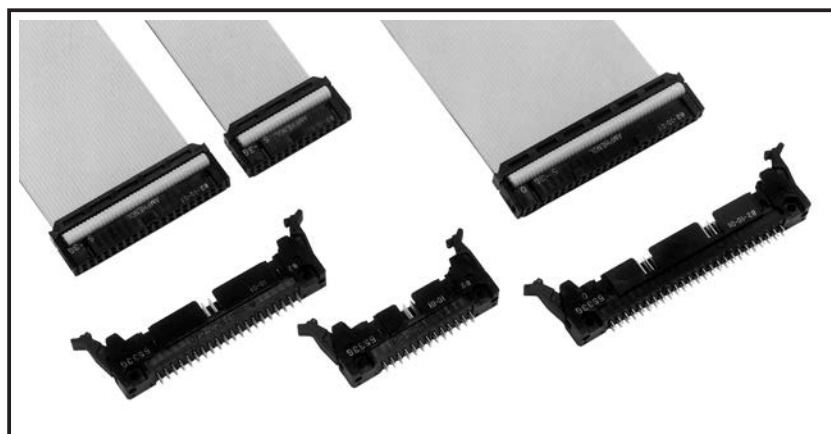


2.54mm Pitch Board to Cable Connector

FRC5 Series



FEATURE

- UL Approved (File No. E72124)
- Conform to MIL-DTL-83503

Conforming
Standard
MIL-DTL-83503

SPECIFICATIONS

Rated Voltage	250V AC (r.m.s.)
Rated Current	1A / Contact
Insulation Resistance	1000 MΩ min. at 500V DC
Contact Resistance	15 mΩ max.
Dielectric Withstanding Voltage	500V AC (r.m.s.) / 1 minute
Operating Temperature	-55°C~ +85°C
Applicable Cable	AWG28 (Stranded Cable / Solid Cable) AWG30 (Solid Cable)

MATERIAL/FINISH



Socket

Item	Material / Finish
Housing	PBT Resin(UL94V-0) / Black
Cover	PBT Resin(UL94V-0) / Black
Contact	Copper Alloy / Au over Ni Plating
Strain Relief	PBT Resin (UL94V-0) / Black

Header

Item	Material / Finish
Housing	PBT Resin (UL94V-0) / Black
Contact	Copper Alloy / Au over Ni Plating
Lock Lever	PBT Resin (UL94V-0) / Black
Spring Pin	Stainless Steel

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Your catalogue checking the latest specifications with our drawings would be highly appreciated.

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Socket Connector

FRC5-A026-3T0S-FA

Cover Style
0 : Open-end
A : Closed-end

Note) Closed-end cover for 64 contacts are not available

Number of Contact
10, 14, 16, 20, 26,
30, 34, 40, 50, 60, 64

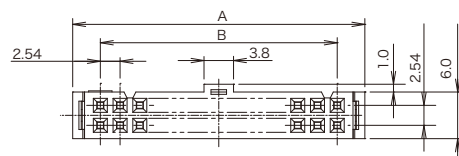
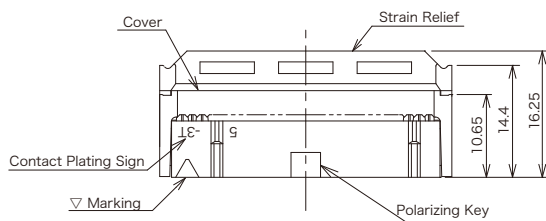
Contact Plating
1 : Au (0.8 μ m) over Ni Plating
3 : Au (Flash) over Ni Plating

Plating (Termination Area)
T : Sn-Ag Plating

FA : Lead Free

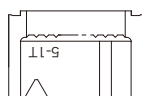
Strain Relief
N : without Strain Relief
S : with Strain Relief

Polarizing Key
0 : 10 No Key
14, 16, 20, 26, 30, 34, 40 1 Key
50, 60, 64 2 Keys (H=22.86mm)
A : 50, 60, 64 1 Key
C : 60, 64 2 Keys (H=27.94mm)
D : 10 1 Key

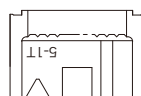


FRC5-Ax26~Ax40-xxxx-FA
FRC5-Ax50~Ax64-xxAx-FA

Part Number	Number of Contact	A	B
FRC5-AX10-XXXX-FA	10	17.27	10.16
FRC5-AX14-XXXX-FA	14	22.35	15.24
FRC5-AX16-XXXX-FA	16	24.89	17.78
FRC5-AX20-XXXX-FA	20	29.97	22.86
FRC5-AX26-XXXX-FA	26	37.59	30.48
FRC5-AX30-XXXX-FA	30	42.67	35.56
FRC5-AX34-XXXX-FA	34	47.75	40.64
FRC5-AX40-XXXX-FA	40	55.37	48.26
FRC5-AX50-XXXX-FA	50	68.07	60.96
FRC5-AX60-XXXX-FA	60	80.77	73.66
FRC5-AX64-XXXX-FA	64	85.85	78.74



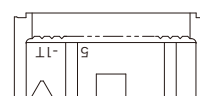
FRC5-Ax10-xx0x-FA



FRC5-Ax10-xxDx-FA



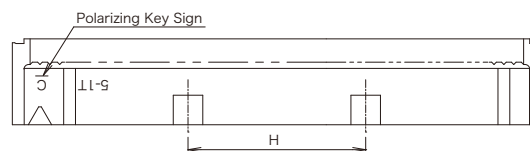
FRC5-Ax14-xx0x-FA



FRC5-Ax16-xx0x-FA



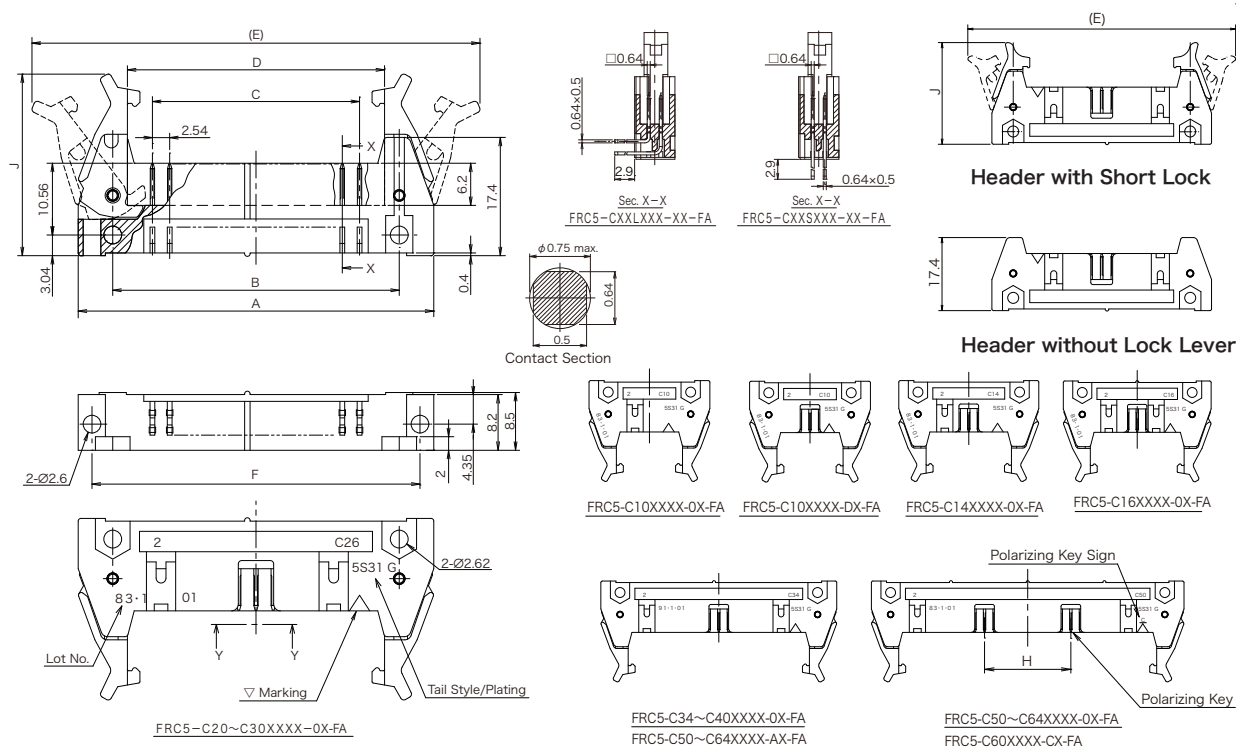
FRC5-Ax20-xx0x-FA



FRC5-Ax50~Ax64-xx0x-FA
FRC5-Ax60-xxCx-xxCx-FA

FRC5-C26L51T-0L-FA

Polarizing Key	
0 : 10	No Key
14, 16, 20, 26, 30, 34, 40	1 Key
50, 60, 64	2 Keys
	(H=22.86mm)
A : 50, 60, 64	1 Key
C : 60, 64	2 Key
	(H=27.94mm)
D : 10	1 Key

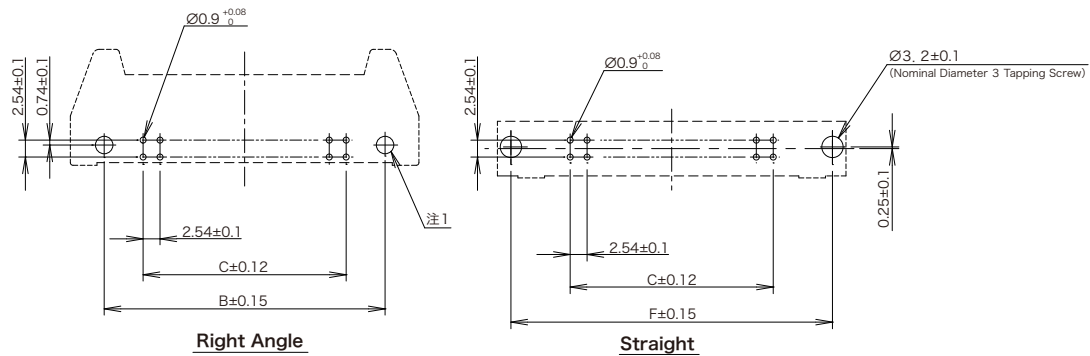


Part Number	Number of Contact	A	B	C	D	F	Long Lock		Short Lock	
							E	J	E	J
FRC5-C10XXX-XX-FA	10	32.00	21.84	10.16	17.52	27.94	45.6	26.7	42.4	24.3
FRC5-C14XXX-XX-FA	14	37.08	26.92	15.24	22.60	33.02	50.7	26.7	47.5	24.3
FRC5-C16XXX-XX-FA	16	39.62	29.46	17.78	25.14	35.56	53.2	26.7	50.0	24.3
FRC5-C20XXX-XX-FA	20	44.70	34.54	22.86	30.22	40.64	58.3	26.7	55.1	24.3
FRC5-C26XXX-XX-FA	26	52.32	42.16	30.48	37.84	48.26	65.9	26.7	62.7	24.3
FRC5-C30XXX-XX-FA	30	57.40	47.24	35.56	42.92	53.34	71.0	26.7	67.8	24.3
FRC5-C34XXX-XX-FA	34	62.48	52.32	40.64	48.00	58.42	76.1	26.7	72.9	24.3
FRC5-C40XXX-XX-FA	40	70.10	59.94	48.26	55.62	66.04	83.7	26.7	80.5	24.3
FRC5-C50XXX-XX-FA	50	82.80	72.64	60.96	68.32	78.74	96.4	26.7	93.2	24.3
FRC5-C60XXX-XX-FA	60	95.50	85.34	73.66	81.02	91.44	109.1	26.7	105.9	24.3
FRC5-C64XXX-XX-FA	64	100.58	90.42	78.74	86.10	96.52	114.2	26.7	111.0	24.3

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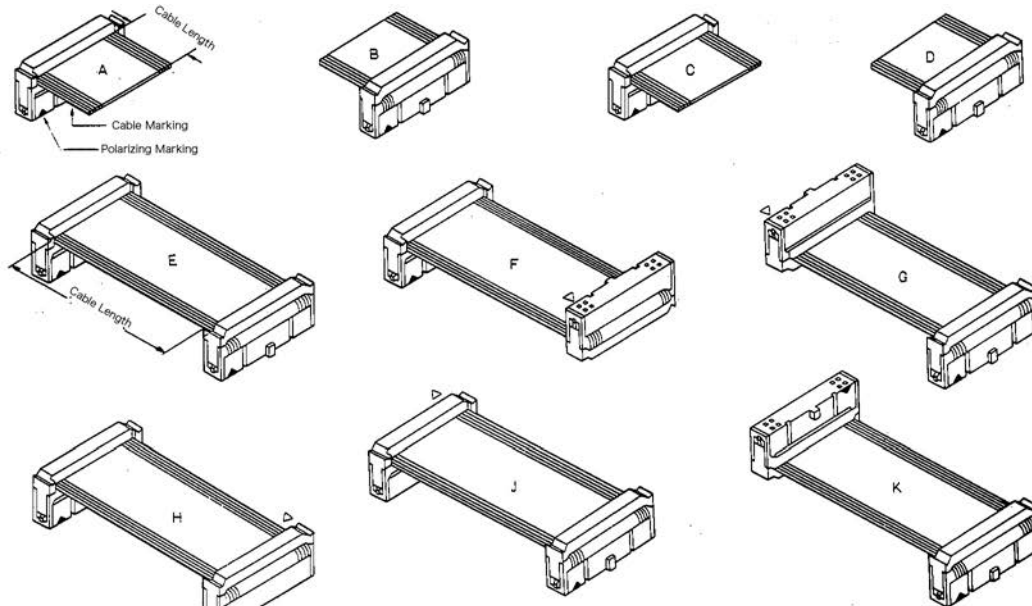
Header Connector

Recommended PCB Mounting Dimensions (Soldering Side)

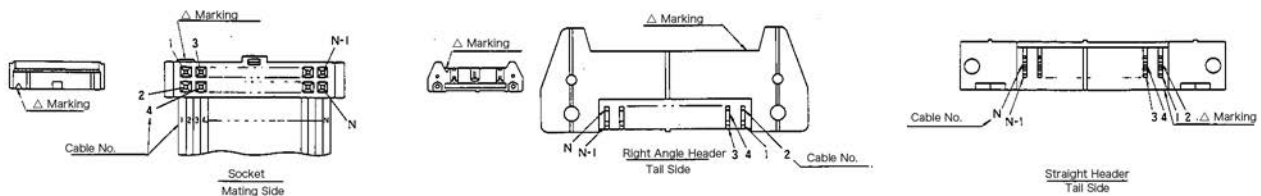


※ 1 When using M2.6 screw, the hole diameter should be $\phi 2.8$.
When using nominal diameter 3 tapping screw, the hole diameter should be $\phi 3.2$.

Cable Assembly Configurations



Cable No. and Contact Position



Assembly Tool

- Cable Cutting Tool : 357J-4256
- Termination Tool : 357J-4674D (Press)
: 357J-4664N (Attachment)

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