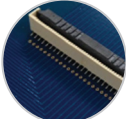
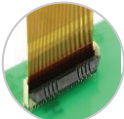
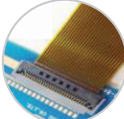
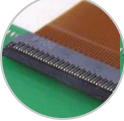
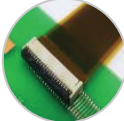
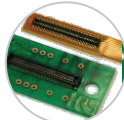
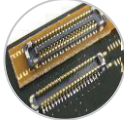
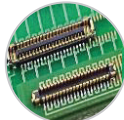
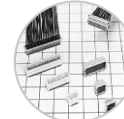
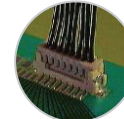
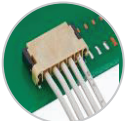


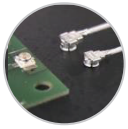
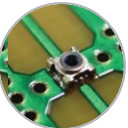
Web Camera | Thermostat | Voice Command Controller | Smart Detector | Smart Lock

HRS Products for Smart Home

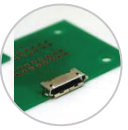
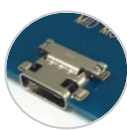
Display | Camera | Speaker | Microphone | Sensor Connection

FPC/FFC Connector			Pitch (mm)	Stacking Height (mm)	Depth (mm)	Pin Count	Max. Rated Current (A)	
			TF38	0.5	5.20	4.96	18 to 60	0.5
			FH40 (Vertical)	0.5	5.80	3.55	10 to 80	0.5
			FH52	0.5/1.0	2.00	5.70	6 to 60	0.5
			FH34SRJ	0.5	1.0	3.80	4 to 50	0.5
			FH35C	0.3	0.9	4.20	9 to 61	0.2
			FH58/FH58M	0.2/0.25	0.9	3.10	7 to 71	0.2
Board to Board Connector			Pitch (mm)	Stacking Height (mm)	Depth (mm)	Pin Count	Max. Rated Current (A)	
			DF17	0.5	4.0 ~ 8.0	5.70	20 ~ 80	0.3
			DF12	0.5	3.0, 3.5, 4.0, 5.0	4.60	10 ~ 80	0.3
			DF40	0.4	1.5 ~ 4.0	3.38	10 ~ 100	0.3
			BM20	0.4	0.6 ,0.8	2.3	10 to 60	0.3
			BM23FR	0.35	0.6, 0.8	1.98	6 to 60	0.3
			BM28	0.35	0.6	1.7	6 to 60	4(Power), 0.3(Signal)
Board to Wire Connector			Pitch (mm)	Stacking Height (mm)	Depth (mm)	Pin Count	Max. Rated Current (A)	
			DF50A (Positive Lock)	1.0 Single-row	Vertical : 7.35 Horizontal : 7.05	Vertical : 6.85 Horizontal : 7.90	2 to 16	1.0
			DF20	1.0 Double -rows	Vertical : 5.80 Horizontal : 5.50	Vertical : 5.40 Horizontal : 6.20	10 to 50	1.0
			DF13 (SMT Type)	1.25 Single-row	Vertical : 5.80 Horizontal : 3.60	Vertical : 3.40 Horizontal : 6.00	2 to 15	1.0
			DF65 (Positive Lock)	1.7	Vertical : 1.80	6.30	3 to 7	4.0
			DF52	0.8	Horizontal : 1.75	4.10	2 to 20	2.5
			DF57H (Swing Lock)	1.2	Vertical : 1.40	4.65	2 to 6	2.5

Antenna Connection

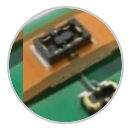
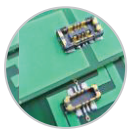
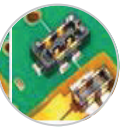
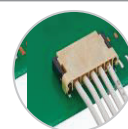
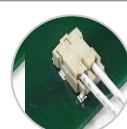
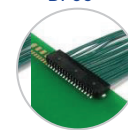
Micro Coaxial Connector		Frequency (GHz)	Occupied Mounting Area (mm)	Max. Stacking Height (mm)
 U.FL (A)  X.FL	U.FL (A)	DC to 6	3.0 x 3.1	2.0, 2.5
	X.FL	DC to 6 DC to 12 (Low Loss)	2.0 x 2.0	1.0 1.3 (Low Loss)
Micro Coaxial Switch		Frequency (GHz)	Occupied Mounting Area (mm)	Max. Stacking Height (mm)
 MS-156C3  MS-180  MS-190	MS-156C3	DC to 11	2.3 x 2.3	1.35
	MS-180	DC to 11	1.8 x 1.8	0.85
	MS-190	DC to 11	1.45 x 1.45	0.68

I/O Connection

I/O Connector			
 ZX Micro USB2.0	 ZX360 Micro USB3.0	 GX 0.4 mm pitch Compact I/F Connector	 CX70M USB Type C



Battery Connection

Board to Board Connector		Pitch (mm)	Stacking Height (mm)	Depth (mm)	Pin Count	Max. Rated Current (A)
 BM22  BM25  KN14	BM22	0.4	0.9	2.64	2+2, 4+2	4A(Power), 0.3A(Signal)
	BM25	0.4	0.7	2.6	4+2, 6+2	9A(Power), 1A(Signal)
	KN14	-	0.7	2.2	2+2	6A(Power), 0.6A(Signal)
Board to Wire Connector		Pitch (mm)	Stacking Height (mm)	Depth (mm)	Pin Count	Max. Rated Current (A)
 DF65  DF61Y  DF52  DF57H	DF65 (Positive Lock)	1.7	Vertical : 1.80	6.30	3 to 7	4.0
	DF61Y (ViSe Lock)	2.2	Vertical : 2.00	7.35	2	2.0
	DF52	0.8	Horizontal : 1.75	4.10	2 to 20	2.5
	DF57H (Swing Lock)	1.2	Vertical : 1.40	4.65	2 to 6	2.5

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