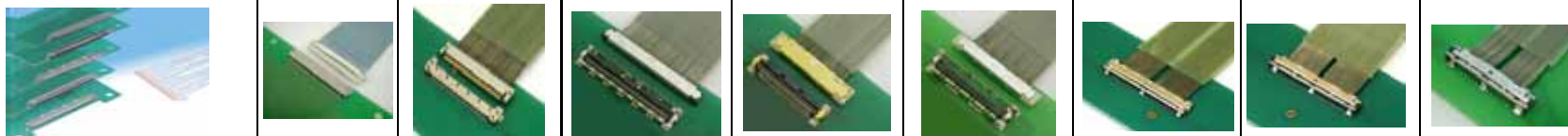


Hirose Micro Coaxial Connectors Line-ups

As of Mar. 2, 2011

Mating Style	Horizontal				Vertical					
Series Name	MDF76 (Strong type)	MDF76 (Slim type)	DF19	DF49	DF36A	DF36	DF38	DF54	DF56	DF56C
Pitch	1	1	1	0.4	0.4	0.4	0.3	0.35	0.3	0.3
Mounting Pitch	1	1	1	0.4	0.4	0.4	0.6 (Staggered double-row)	0.35	0.6 (Staggered double-row)	0.6 (Staggered double-row)
Mating Height (Nominal)	2.35	1	1.65	0.7	1.5	1.5	1.5	0.94	1.25	1.45
Depth (Mated)				4.83	4.4	2.8	3.7	3.7	2.6	2.6
Depth (Receptacle)		5.2	5.7	4.83	4.4	2.8	3.7	3.7	2.6	2.6
Depth (Plug)	6.9	6.9	6.1	3.55	2.8	2.8	2.38	2	1.73	1.73
Height (Plug)	1.5	1.5	1.33	0.67	1.33	1.33	1.3	0.79	1.09	1.09
Applicable Hinge Inner Dia. (Cable)	-	-	-	-	φ3.8 mm (AWG#44 x 40 wires)	φ3.8 mm (AWG# 44 x 40 wires)	φ3.5 mm (AWG#44 x 40 wires)	φ2.8 mm (AWG#44 x 40 wires)	φ2.8 mm (AWG#44 x 40 wires)	φ2.8 mm (AWG#44 x 40 wires)
Width	40.05 (30 pos.)	40.05 (30 pos.)	23.55 (20 pos.)	20.8 (40 pos.)	20.6 (40 pos.)	20.6 (40 pos.)	17.0 (40 pos.)	19.85 (40 pos.)	17.3 (40 pos.)	17.3 (40 pos.)
Micro Coaxial Cable Size / Rated Current	-	-	AWG#40 / 0.3 A	AWG#42 / 0.25 A	AWG#42 / 0.25 A	AWG#42 / 0.25 A	AWG#42 / 0.15 A	AWG#42 / 0.20 A	AWG#42 / 0.20 A	AWG#42 / 0.20 A
	-	-	-	AWG#44 / 0.20 A	AWG#44 / 0.25 A	AWG#44 / 0.25 A	AWG#44 / 0.10 A	AWG#44 / 0.15 A	AWG#44 / 0.15 A	AWG#44 / 0.15 A
	-	-	-	AWG#46 / 0.15 A	AWG#46 / 0.20 A	AWG#46 / 0.20 A	AWG#46 / 0.10 A	AWG#46 / 0.10 A	AWG#46 / 0.10 A	AWG#46 / 0.10 A
Applicable Cable (Jacket Dia.)	AWG#28-36 (φ0.6 mm MAX.)	AWG#28-36 (φ0.6 mm MAX.)	AWG#28-36 (φ0.6 mm MAX.)	AWG#42-46 (φ0.31 mm MAX.)	AWG#42-46 (φ0.33 mm MAX.)	AWG#42-46 (φ0.33 mm MAX.)	AWG#42-46 (φ0.29 mm MAX.)	AWG#42-46 (φ0.35 mm MAX.)	AWG#42-46 (φ0.3 mm MAX.)	AWG#42-46 (φ0.3 mm MAX.)
Rated Voltage	AC 200 V	AC 200 V	AC 100 V	AC 30 V	AC 30 V	AC 30 V	AC 30 V	AC 30 V	AC 30 V	AC 30 V
No. of Pos.*	30	30	14, 20	20, (30), 40	15, 25, 30, 40, 45, 50	15, 20, 25	30, 32, 40	(20), (30), 40	(20), (30), 40, 50	26
Features				Low profile	Enhanced shield	Space saving	Enhanced shield	Low profile	Space saving	Space saving
Picture										

*: no. of pos. in the parentheses () are under development.