

Double Side Micro-D Connector with Insulated Wire

Connector Dimension Table

Plug		mm				
P/N	Remarks	A	B	C1	K	
MDS9P-W		19.94	14.35	8.38		
MDS15P-W		23.75	18.16	12.19		
MDS21P-W		27.56	21.97	16.00		
MDS25P-W		30.01	24.51	18.54		7.5
MDS31P-W		33.91	28.32	22.35		
MDS37P-W		37.72	32.13	26.16		
MDS51TP-W	2rows (*)	46.61	41.02	35.05		
MDS51P-W	3rows (*)	36.45	30.86	24.89		8.9

Receptacle		mm				
P/N	Remarks	A	B	C2	K	
MDS9R-W		19.94	14.35	10.11		
MDS15R-W		23.75	18.16	13.92		
MDS21R-W		27.56	21.97	17.73		
MDS25R-W		30.01	24.51	20.27		7.5
MDS31R-W		33.91	28.32	24.08		
MDS37R-W		37.72	32.13	27.88		
MDS51TR-W	2rows (*)	46.61	41.02	36.75		
MDS51R-W	3rows (*)	36.45	30.86	26.62		8.9

Other quantities are made-to-order.

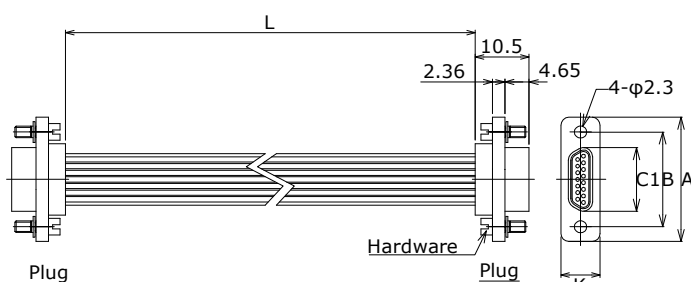
(*) There are two types of arrangements for 51 pins. Please refer to page 29A5-1.

Plug to Plug, Receptacle to Receptacle

How to order

MDS **- W -** **L** **- T -**

Number of Pins Wire Size **26**:AWG26 **24**:AWG24 Right Side *3
 PP: Plug to Plug RR: Receptacle to Receptacle Wire Color **T** : 10 Color (Please refer to Page 29A5) **W** : White Left Side *3
 Wire Specifications *1 Wire Length (L) *2
W : ETFE Insulated wire(UL1513(105°C)) **1000**:1000mm
W04: PTFE Insulated wire(MIL-W-16878/04) **500**:500mm
W11: PTFE Insulated, wire(MIL-W-22759/11)
W33: Cross-linked modified ETFE Insulated wire(MIL-W-22759/33)



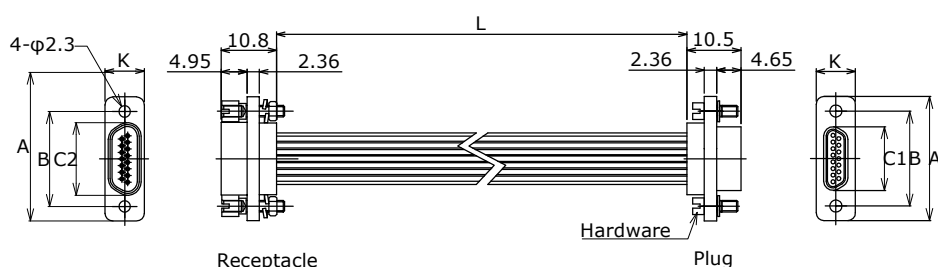
- *1 Please refer to the table on page 29A5 for wire specifications.
 *2 Other lengths can also be specified. Please contact us for more information.
 *3 Please refer to Page 29A8, 29A9 for "Mount Hardware"

Receptacle to Plug

How to order

MDS **RP - W -** **L** **- T -**

Number of Pins Wire Size **26**:AWG26 **24**:AWG24 Right Side *3
 RP: Receptacle to Plug Wire Color **T** : 10 Color (Please refer to Page 29A5) **W** : White Left Side *3
 Wire Specifications *1 Wire Length (L) *2
W : ETFE Insulated wire(UL1513(105°C)) **1000**:1000mm
W04: PTFE Insulated wire(MIL-W-16878/04) **500**:500mm
W11: PTFE Insulated, wire(MIL-W-22759/11)
W33: Cross-linked modified ETFE Insulated wire (MIL-W-22759/33)



- *1 Please refer to the table on page 29A5 for wire specifications.
 *2 Other lengths can also be specified. Please contact us for more information.
 *3 Please refer to Page 29A8, 29A9 for "Mount Hardware"

マイクロ Dsubコネクタ 電線仕様 Micro-D connector Wire specifications

電線仕様 Wire specifications

Wire P/N	規格 Standard	被覆 Insulating	導体 Conductor	使用温度 Temperature Range	定格電圧 Voltage Rating	用途 Applications	備考 Note
W	UL1513(105°C)	ETFE	Copper, Sn Plating	-55°C~+150°C	600V	機器配線 Equipment wiring	低コストタイプ Low-cost type
W04	MIL-W-16878/04 NEMA HP3,UL1213	PTFE	Copper, Ag Plating	-60°C~+200°C			-
W11	MIL-W-22759/11	PTFE		-55°C~+200°C		航空宇宙機器 Aerospace equipment	-
W33	MIL-W-22759/33	架橋変性ETFE Cross-linked modified ETFE	High-strength Copper alloy, Ag Plating	-60°C~+200°C			-

※ 使用温度について: 上記の表は電線単体の仕様です。コネクタの使用温度は-55°C~+125°Cとなりますのでご注意ください。

Regarding operating temperature: The table above shows the specifications for the wire alone.

Please note that the operating temperature of the connector is -55 to +125°C.

電線 10カラーコード Wire 10 color code

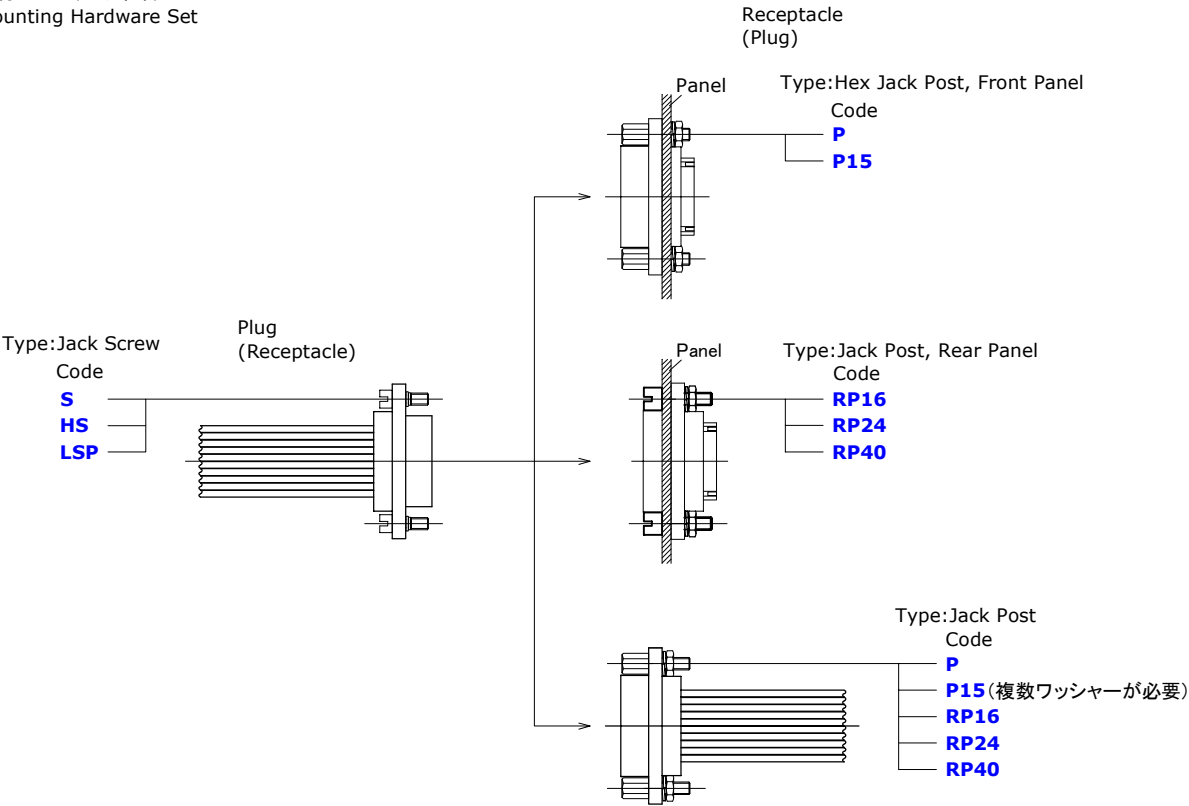
数字	色 Color	
1	黒	Black
2	茶	Brown
3	赤	Red
4	橙	Orange
5	黄	Yellow
6	緑	Green
7	青	Blue
8	紫	Purple
9	灰	Gray
0	白	White

これ以外の色指定も可能です。詳細はお問い合わせください。

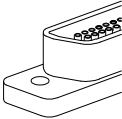
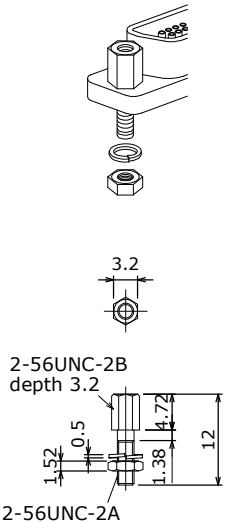
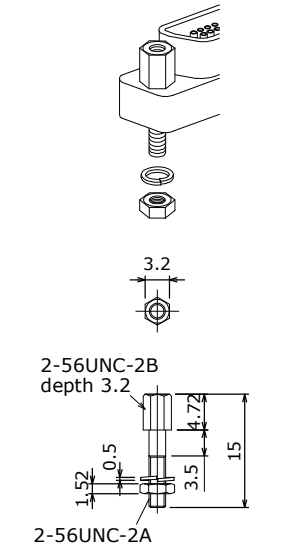
Other color is also available. Please contact us for more information.

マイクロ Dsubコネクタ
Micro-D connector

取付ハードウェア組合せ
Mounting Hardware Set



取付ハードウェア Mount Hardware

種類 Type	なし Non	六角ジャックポスト Hex Jack Post	六角ジャックポスト Hex Jack Post
コードCode	(blank)	P	P15
品番P/N	-	MD-HEX256-PP-L120-SET	MD-HEX256-PP-L150-SET
			
			
			
			
			

マイクロ Dsubコネクタ Micro-D connector

取付ハードウェア Mount Hardware

mm

種類 Type	ジャックポスト、後面パネルマウント用 Jack post,Rear panel mount	ジャックポスト、後面パネルマウント用 Jack post,Rear panel mount	ジャックポスト、後面パネルマウント用 Jack post,Rear panel mount
コードCode	RP16	RP24	RP40
品番P/N	MD-256-RP16-L12-SET	MD-256-RP24-L12-SET	MD-256-RP40-L12-SET
	Panel 1.6 2-56UNC-2B $\phi 4$ depth 3.7 0.5 1.4 4.6 12 2-56UNC-2A	Panel 2.4 2-56UNC-2B $\phi 4$ depth 3.7 0.5 2.2 4.6 12 2-56UNC-2A	Panel 4.0 2-56UNC-2B $\phi 4$ depth 3.7 0.5 3.8 4.6 12 2-56UNC-2A

パネル取り付け方法、
パネル加工寸法は
29A10をご確認
ください。

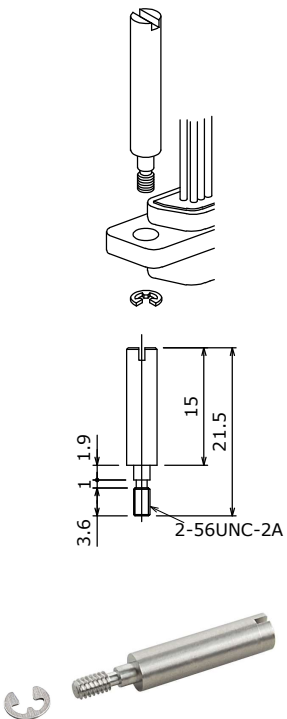
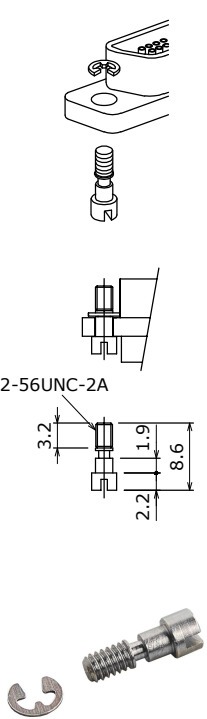
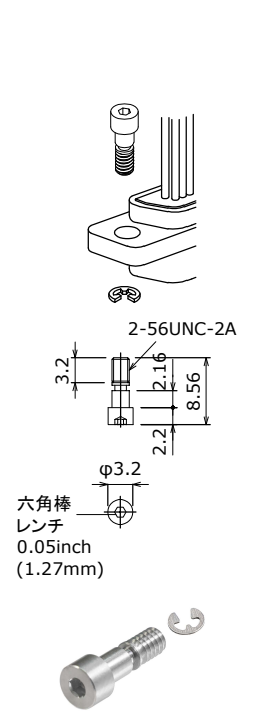
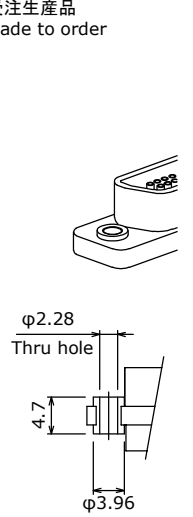
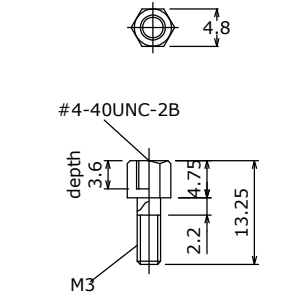
For the panel
mounting method,
please refer to
page 29A10.

100 position用のネジは #4-40のため、別途お問い合わせください
Base on the screws for 100 positions is #4-40 UNC, please contact us.

マイクロ Dsubコネクタ Micro-D connector

取付ハードウェア Mount Hardware

mm

種類 Type	長ジャックネジ Long Jack Screw	ジャックネジ Jack Screw	ジャックネジ Jack Screw	フロントフロート Front Float
コードCode	LSP	S	HS	F
品番P/N	MD-256-LSP-L223-SET	MD-256-SS-L86-SET	MD-256-HS-L856-SET	MD-HW-FF
				受注生産品 Made to order 
種類 Type	六角ネジ Hex Screw			
コードCode	H4M3			
品番P/N	MD-HEX440-PP-L1325			
	受注生産品 Made to order 			

100 position用のネジは #4-40のため、別途お問い合わせください
Base on the screws for 100 positions is #4-40 UNC, please contact us.