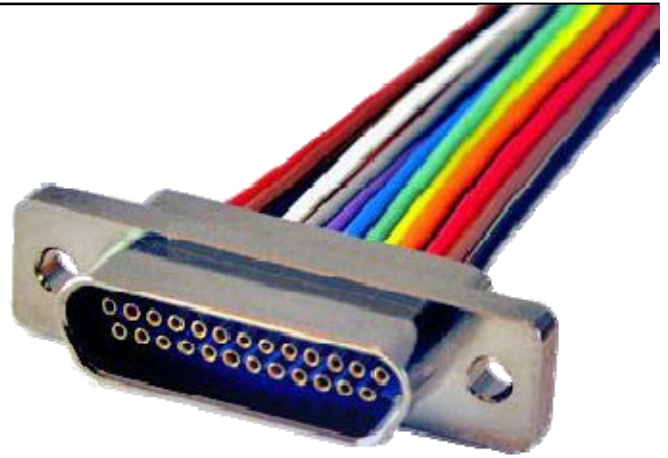




Product Specifications

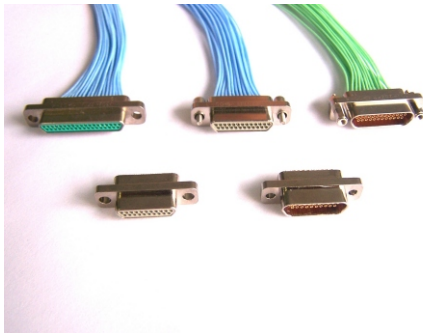
Micro D-Subminiature Connectors



**Part Number:
DSMXX-XT-XXX**



DSM Micro-D Connectors



Features

- Elastic twist pin
- High density arrangement with 1.27mm (0.05") grid
- PCB contact terminal alternative
- With thread locking
- Conforms to MIL-C-83513

KEY PERFORMANCE

Operating temperature: -55°C~+125°C
 Relative humidity: 98% at 40°C
 Air pressure: 4.4KPa
 Vibration: 10~2000Hz, 196m/s²
 Shock: 735m/s²
 Current rating: 3A
 Withstanding voltage: 800V
 Insulation resistance: ≥5000MΩ
 Contact resistance: ≤8mΩ
 Duration: 500 cycles

Micro-D series Miniature Rectangular connectors are used in applications requiring highly reliable, extremely small, lightweight connectors.

How to Order

DSMXX-XT-XXX

① ② ③ ④

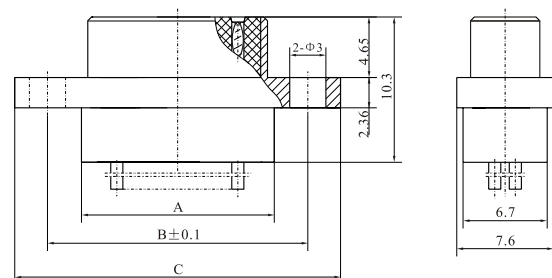
Part Number Example

	Class	Item	mark
1	Basic series	Miniature Rectangular Connector with metal shell	
2	Contact number	9、15、21、25、31、37、51、74、100	Number
3		Male	MT
		Female	FT
4	Contact termination	Crimp	C
		Solder	S
		Right PCB	R, R-J
		Elbow PCB	E, E-J
5		Other	

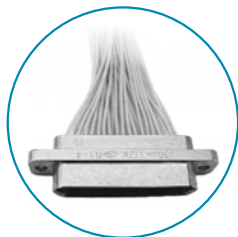
DSM Crimp



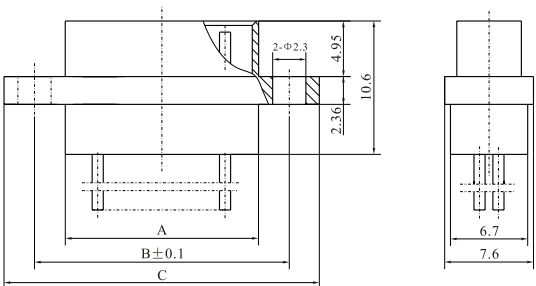
	A	B	C
DSM09-MT-C	9.9	14.35	19.55
DSM15-MT-C	13.61	18.16	23.36
DSM21-MT-C	17.6	21.97	27.17
DSM25-MT-C	19.96	24.51	29.71
DSM31-MT-C	23.77	28.32	33.52
DSM37-MT-C	27.68	32.13	37.33



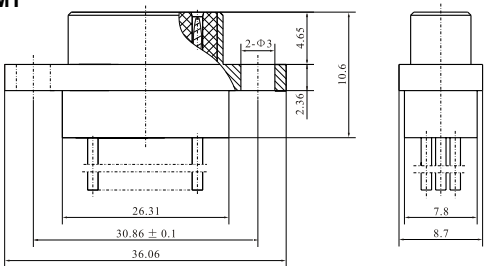
DSM Micro-D Connectors



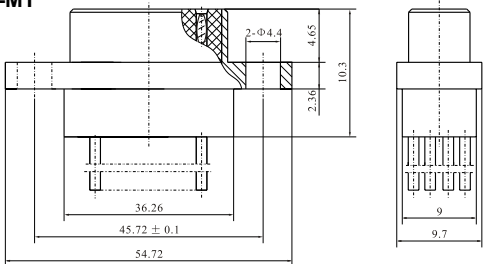
	A	B	C
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DSM15-FT-C	13.61	18.16	23.36
DSM21-FT-C	17.6	21.97	27.17
DSM25-FT-C	19.96	24.51	29.71
DSM31-FT-C	23.77	28.32	33.52
DSM37-FT-C	27.68	32.13	37.33



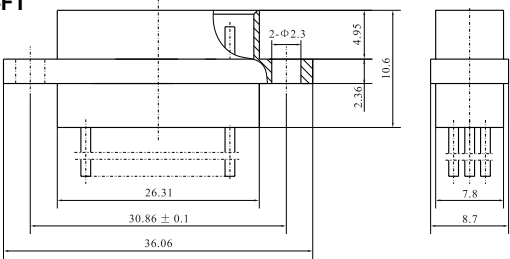
DSM51-MT



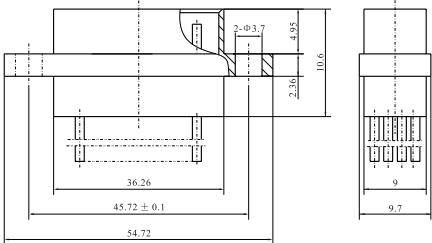
DSM100-MT



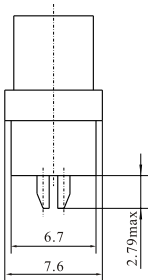
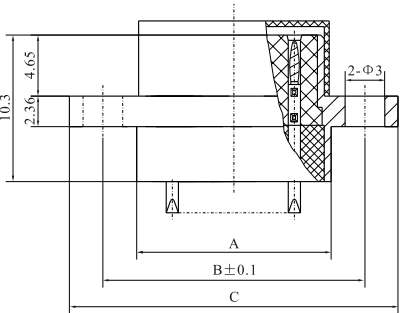
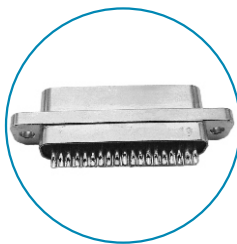
DSM51-FT



DSM100-FT



DSM Solder

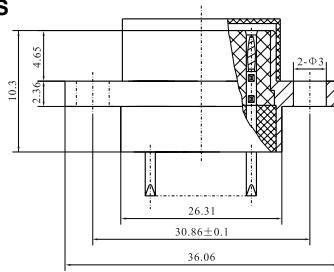


	A	B	C
DSM09-MT-S	9.9	14.35	19.55
DSM15-MT-S	13.61	18.16	23.36
DSM21-MT-S	17.6	21.97	27.17
DSM25-MT-S	19.96	24.51	29.71
DSM31-MT-S	23.77	28.32	33.52
DSM37-MT-S	27.68	32.13	37.33

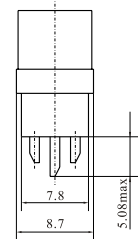
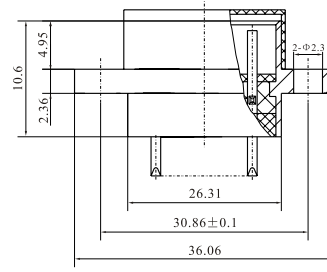
DSM Micro-D Connectors



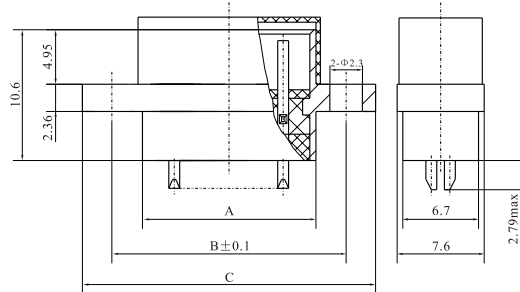
DSM51-MT-S



DSM51-FT-S

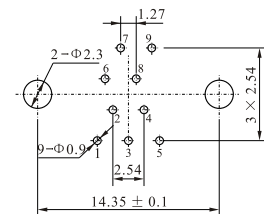
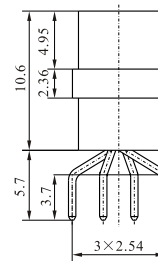
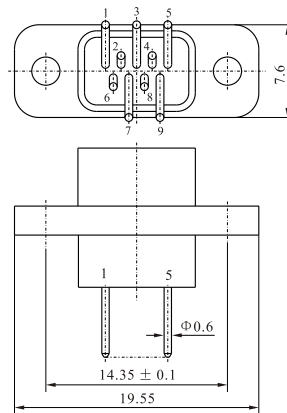
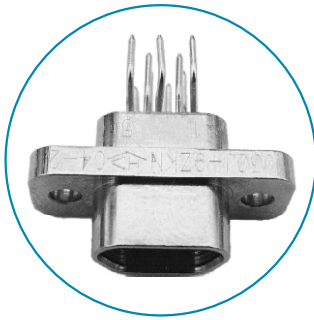


	A	B	C
DSM09-FT-S	9.9	14.35	19.55
DSM15-FT-S	13.61	18.16	23.36
DSM21-FT-S	17.6	21.97	27.17
DSM25-FT-S	19.96	24.51	29.71
DSM31-FT-S	23.77	28.32	33.52
DSM37-FT-S	27.68	32.13	37.33

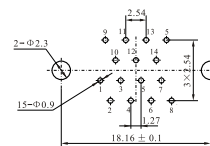
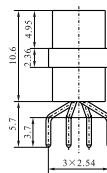
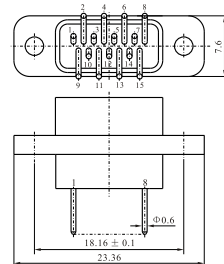


DSM Right PCB

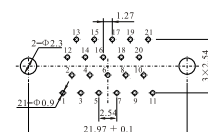
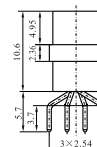
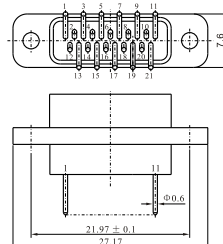
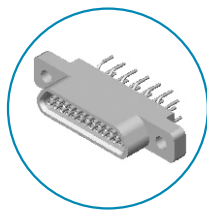
DSM09-FT-R



DSM15-FT-R



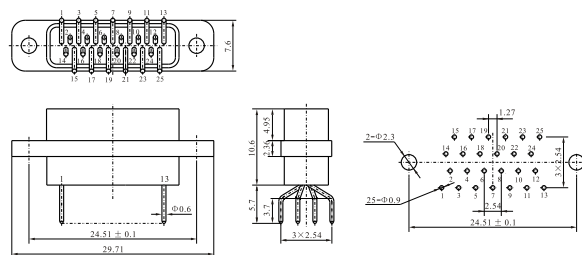
DSM21-FT-R



DSM Micro-D Connectors

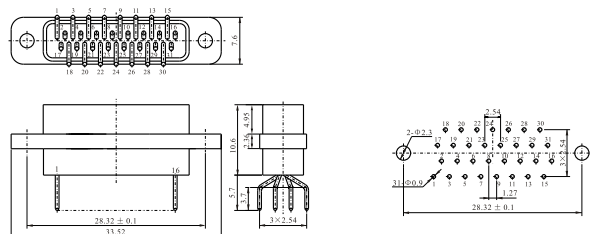


DSM25-FT-R

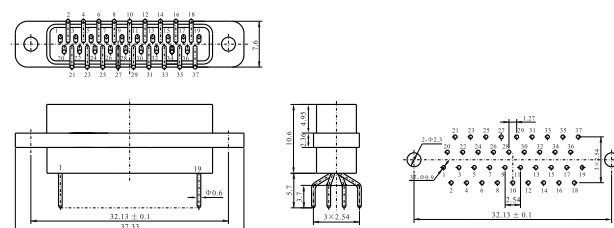


DSM31-FT-R

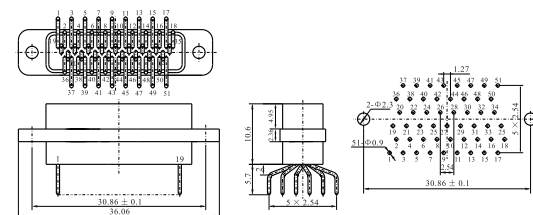
MICROMINIAURE,POLARIZED SHELL,CLASS



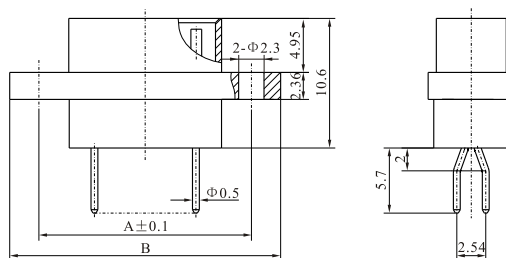
DSM37-FT-R



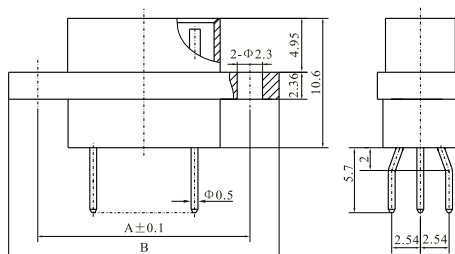
DSM51-FT-R



	A	B
DSM09-FT-R-J	14.35	19.55
DSM15-FT-R-J	18.16	23.36
DSM21-FT-R-J	21.97	27.17
DSM25-FT-R-J	24.51	29.71
DSM31-FT-R-J	28.32	33.52
DSM37-FT-R-J	32.13	37.33



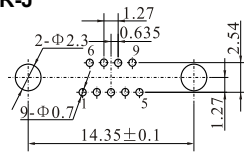
DSM51-FT-R-J



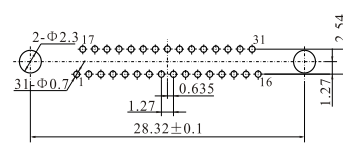
DSM Micro-D Connectors



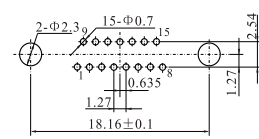
DSM09-FT-R-J



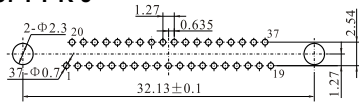
DSM31-FT-R-J



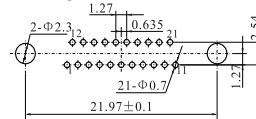
DSM15-FT-R-J



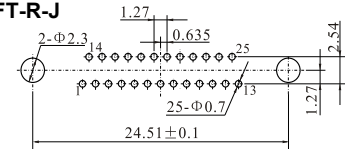
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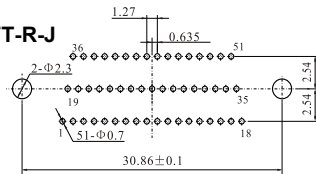
DSM21-FT-R-J



DSM25-FT-R-J

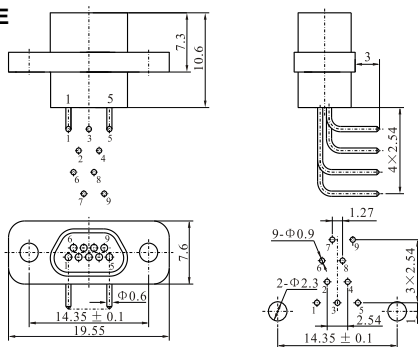


DSM51-FT-R-J

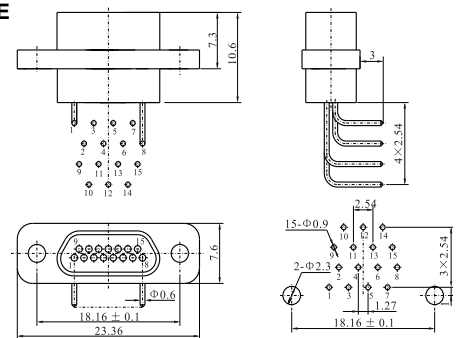


DSM Elbow PCB

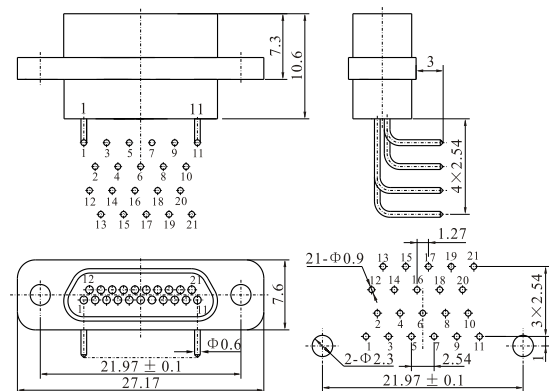
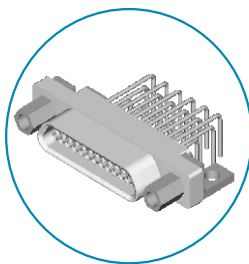
DSM09-FT-E



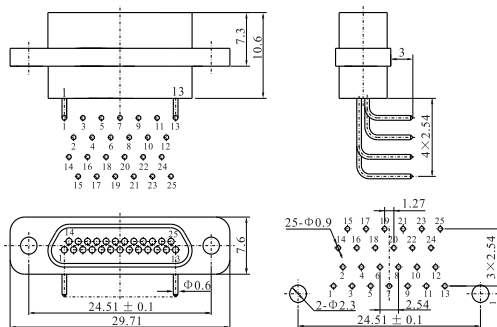
DSM15-FT-E



DSM21-FT-E



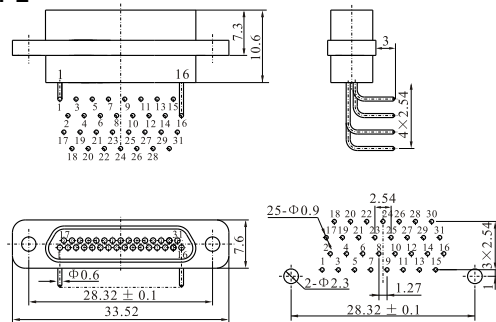
DSM25-FT-E



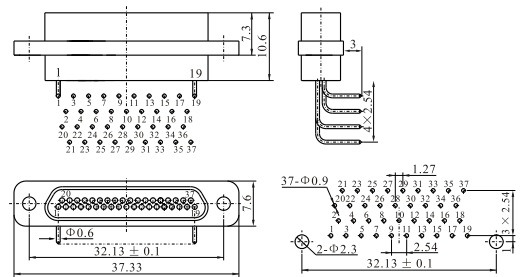
DSM Micro-D Connectors



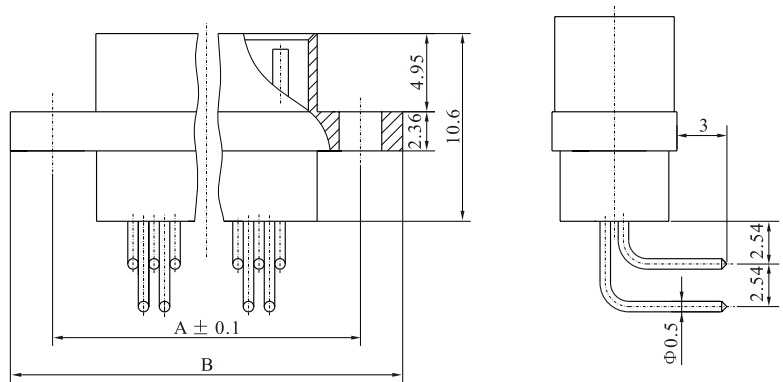
DSM31-FT-E



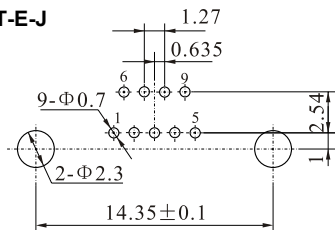
DSM37-FT-E



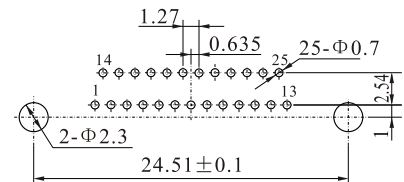
	A	B
DSM09-FT-E-J	14.35	19.55
DSM15-FT-E-J	18.16	23.36
DSM21-FT-E-J	21.97	27.17
DSM25-FT-E-J	24.51	29.71
DSM31-FT-E-J	28.32	33.52
DSM37-FT-E-J	32.13	37.33



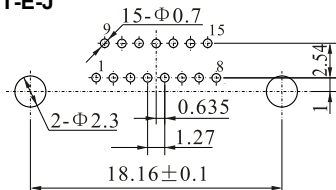
DSM09-FT-E-J



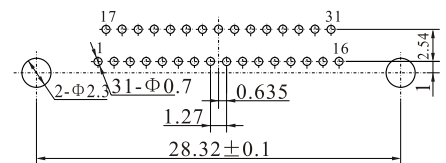
DSM25-FT-E-J



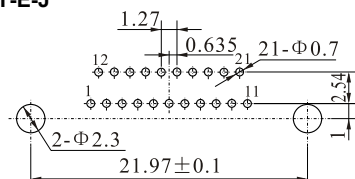
DSM15-FT-E-J



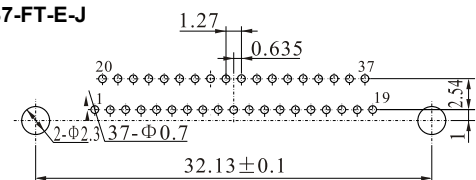
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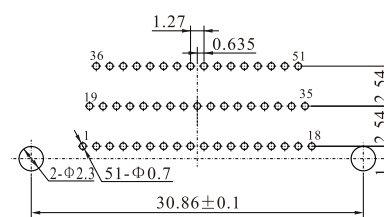
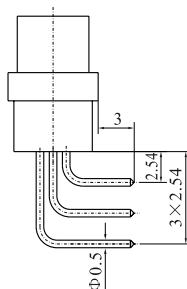
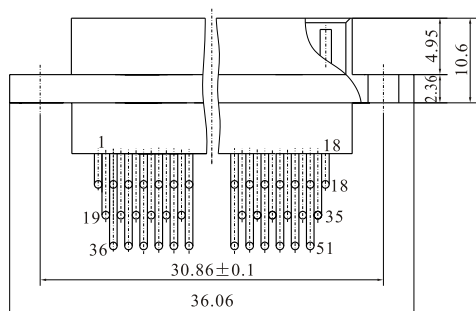
DSM21-FT-E-J



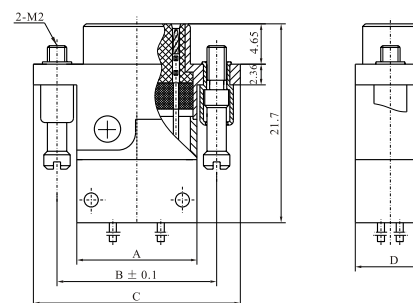
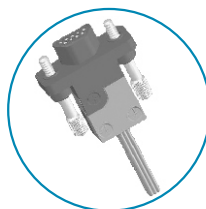
DSM37-FT-E-J



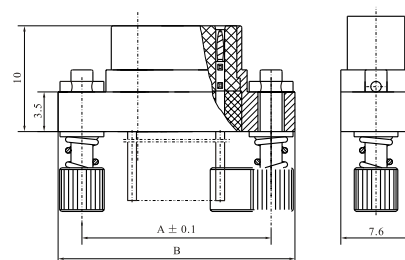
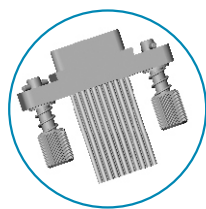
DSM51-FT-E-J



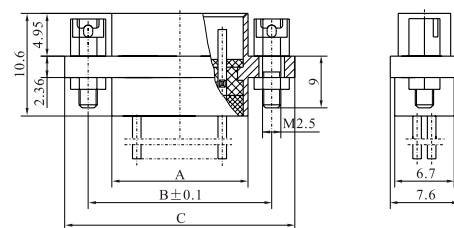
	A	B	C	D
DSM09-MT-K-A	9.91	14.35	19.68	8
DSM15-MT-K-A	13.72	18.16	23.5	8
DSM21-MT-K-A	17.53	21.97	27.3	8
DSM25-MT-K-A	20.07	24.51	29.84	8
DSM31-MT-K-A	23.88	28.32	33.66	8
DSM37-MT-K-A	27.69	32.13	37.46	8
DSM51-MT-K-A	26.42	30.86	36.2	9



	A	B
DSM09-MT-Q4	15.85	20.85
DSM15-MT-Q4	19.66	24.66
DSM21-MT-Q4	23.47	28.47
DSM25-MT-Q4	26.01	31.01
DSM31-MT-Q4	29.82	34.82
DSM37-MT-Q4	33.63	38.63



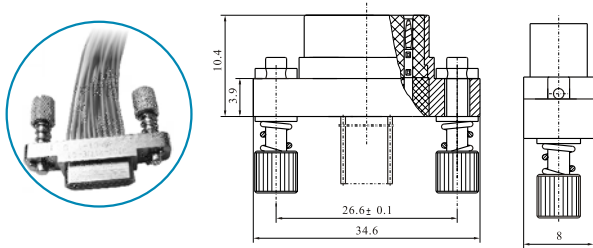
	A	B	C
DSM09-FT-R4	9.9	15.85	20.85
DSM15-FT-R4	13.61	19.66	24.66
DSM21-FT-R4	17.6	23.47	28.47
DSM25-FT-R4	19.96	26.01	31.01
DSM31-FT-R4	23.77	29.82	34.82
DSM37-FT-R4	27.68	33.63	38.63



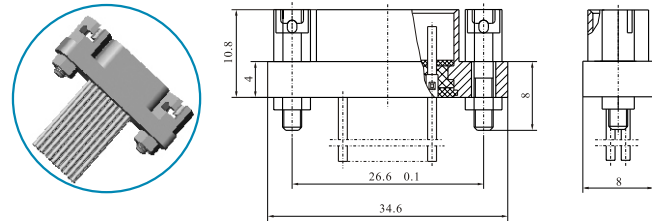
DSM Micro-D Connectors



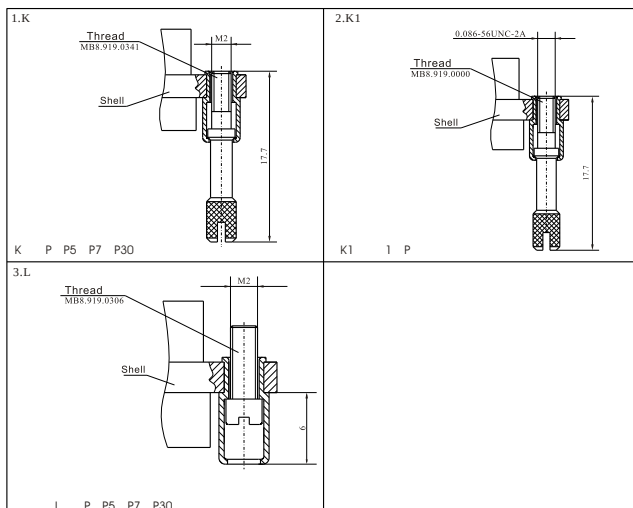
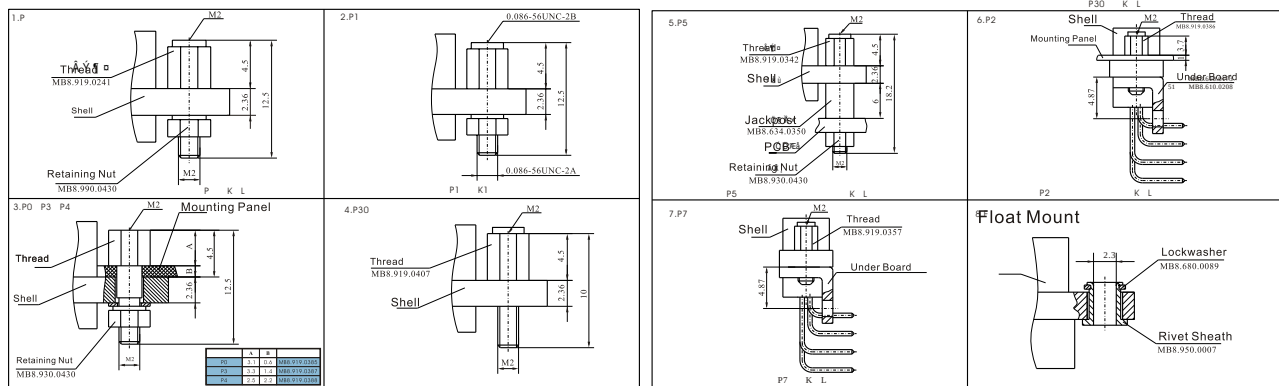
DSM21-FT-E-Q3



DSM21-FT-P20-Q3



Mounting Hardware Views



Contact Arrangements

(Face View of Insert)

