

MIL-C-26482 I Series Electrical Connector



Introduction:

- In accordance with the MIL-C-26482 series I standards.
- Bayonet type quick connection.
- The terminal form of the contact is mostly soldering.
- Small volume, high density, and good environmental resistance.
- Widely used in all kinds of military and civil equipment.

Usage: The products are used for the circuit signal connection

Using environment:

The product is suitable for the occasion where the environment is high strength vibration or harsh wind sand and moisture

Technical features:

Mechanical:

Shell: Aluminum, stainless steel

Finish: Without specification:Olive drab cadmium,conductive shell

L:Nickel,conductive shell

A: Black anodizing,non-conductive shell

B:Olive green cadmium, conductive shell

S:Stainless steel passivated,conductive shell

BW:Olive brown cadmium

Insulator: thermoplastic or thermosetting plastic

Grommet and interfacial seal: silicone elastomer

Contact: Gold over cooper alloy

Endurance: ≥ 500 mating cycles

Shock:300g,3ms

Vibration: frequency:from 10 Hz to 2000 Hz

power spectral density:1g²/Hz

Electrical:

Voltage rating: V

Service rating	Operating voltage		Resistant voltage	
	I	II	I	II
Sea level	600	1000	1500	2300
21336m	300	450	375	500

Contact resistance and rated current

Contact size	Working diameter(mm)	Contact resistance (mΩ)	Rated current(A)
20#	Φ1.00	≤5	7.5
16#	Φ1.60	≤2.5	13
12#	Φ2.40	≤1.5	23

Insulation resistance: 25℃≥5000MΩ 125℃≥3MΩ

Environmental:

Temperature range: -55℃ ~ +125℃

Relative humidity: At 40℃, up to 95±4%

Salt spray: Cadmium: 500h Nickel: 48h/96h

Seal: Grommet seal: differential pressure is 2105 Pa, the leakage rate : less than 4.6

102 Pa cm³ / s

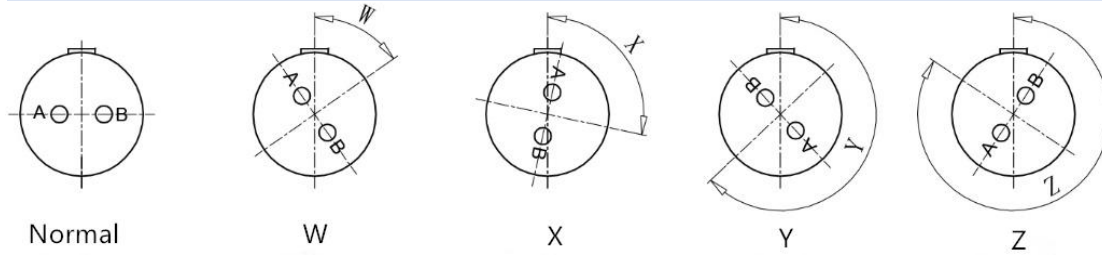
Sintering seal: the pressure difference is 1105 Pa,

The leakage rate :less than 0.1Pa cm³ / s

How to order

Basic series	MS	3110	E	18-	35	P	N	L
Type:								
3110 - Wall mounting receptacle								
3111-Cable connecting receptacle								
3112-Box mounting receptacle								
3114- Jam nut receptacle								
3116- Straight plug								
Service class:								
E- Grommet seal; conductive shell								
F-Grommet seal; conductive shell with cable clamp								
P- Designates assembly with potting boot								
J- Cable seal; conductive shell								
B- PCB								
R-Without backshell								
Shell size:								
08-10-12-14-16-18-20-22-24								
Contact layout:								
See page 6-7								
Contact type:								
P-pin S-socket								
Orientation:								
N、W、X、Y、Z								
Finish:								
Without specification- olive drab cadmium				L-Nickel				
A- non-conductive black zinc cobalt				S-Stainless steel				
BW-olive brown cadmium				B-olive green cadmium				

Orientation(Insulator Rotated Inside Metal Body)

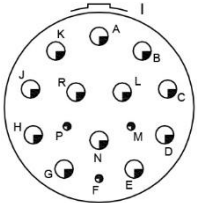
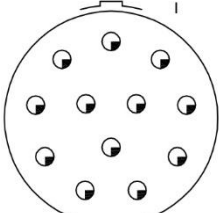
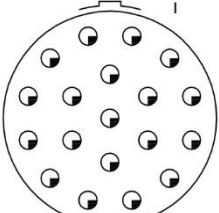
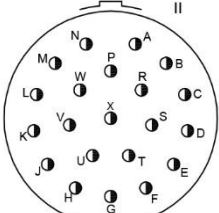
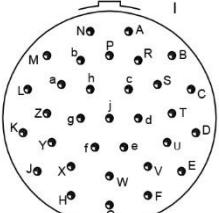
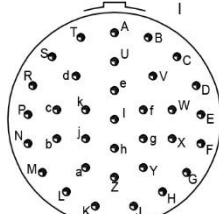
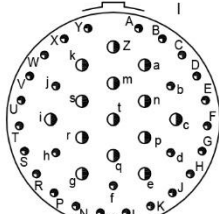
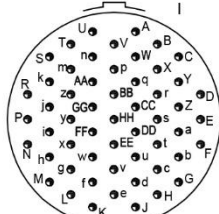
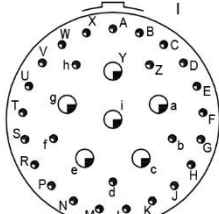
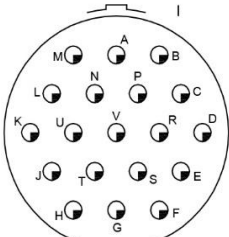
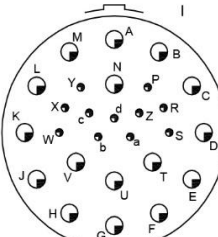
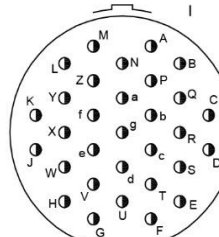
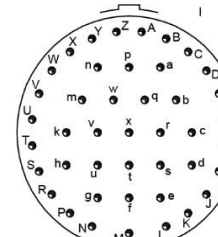


Shell size	Contact layout	Angle				
		N	W	X	Y	Z
08	08-2	0	58	122	-	-
	08-3	0	60	210	-	-
	08-4	0	45	-	-	-
	08-33	0	90	-	-	-
	08-98	0	-	-	-	-
10	10-6	0	90	-	-	-
	10-7	0	-	-	-	-
	10-98	0	90	180	240	270
12	12-3	0	-	-	180	-
	12-4	0	45	-	-	-
	12-8	0	90	112	203	292
	12-10	0	60	155	270	295
14	14-4	0	45	-	-	-
	14-5	0	40	92	184	273
	14-9	0	15	90	180	240
	14-12	0	43	90	-	-
	14-15	0	17	110	155	234
	14-18	0	15	90	180	270
	14-19	0	30	165	315	-
	14-22	0	45	-	-	-
16	16-8	0	54	152	180	331
	16-14	0	25	78	180	240
	16-23	0	158	270	-	-
	16-26	0	60	-	275	338
	16-99	0	66	156	223	340

Shell size	Contact layout	Angle				
		N	W	X	Y	Z
18	18-8	0	180	-	-	-
	18-11	0	62	119	241	340
	18-30	0	180	193	285	350
	18-32	0	85	138	222	265
	18-85	0	45	90	180	240
20	20-16	0	238	318	333	347
	20-24	0	70	145	215	290
	20-27	0	72	144	216	288
	20-39	0	63	144	252	333
	20-41	0	45	126	225	-
	20-90	0	18	60	240	270
22	22-12	0	-	-	-	-
	22-19	0	15	90	225	308
	22-21	0	16	135	175	349
	22-32	0	72	145	215	288
	22-34	0	62	142	218	298
	22-41	0	39	135	264	-
	22-55	0	30	142	226	314
	22-95	0	26	180	266	-
24	24-19	0	30	165	315	-
	24-27	0	45	110	140	225
	24-31	0	90	225	255	-
	24-61	0	90	180	270	324

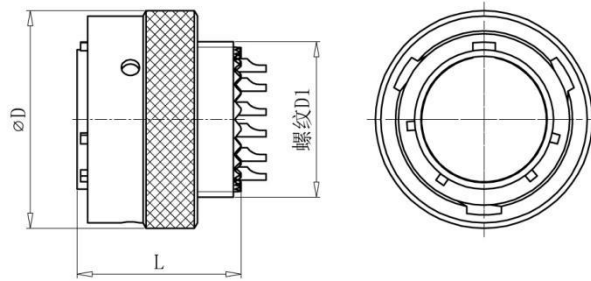
Contact layout

08	 08-02 2-20#  08-03 3-20#  08-04 4-20#  08-33 3-20#  08-98 3-20#
10	 10-06 6-20#  10-07 7-20#  10-98 6-20#
12	 12-03 3-16#  12-04 4-16#  12-08 8-20#  12-10 10-20#
14	 14-04 4-12#  14-05 5-16#  14-09 4-12# 5-20#  14-12 4-16# 8-20#  14-15 1-16# 14-20#  14-18 18-20#
	 14-19 19-20#  14-22 4-12# 1-20#
16	 16-08 8-16#  16-14 8-20# 6-12#  16-23 1-16# 22-20#  16-26 26-20#  16-99 2-16# 21-20#
18	 18-08 8-12#  18-11 11-16#  18-30 1-16# 29-20#  18-32 32-20#  18-85 5-20# 8-12#
20	 20-16 16-16#  20-24 24-20#  20-27 27-20#  20-39 2-16# 37-20#  20-41 41-20#

20	 20-90 3-20# 12-12#
22	 22-12 12-12#  22-19 19-12#  22-21 21-16#  22-32 32-20#
	 22-34 34-20#  22-41 14-16# 27-20#  22-55 55-20#  22-95 6-12# 26-20#
24	 24-19 19-12#  24-27 11-20# 16-12#  24-31 31-16#  24-61 61-20#

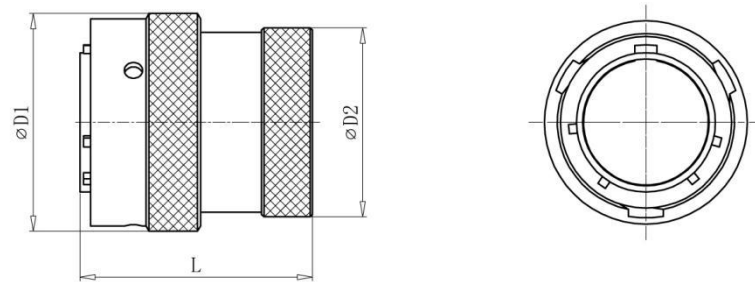
Dimension

MS3116R [Straight plug Class R]



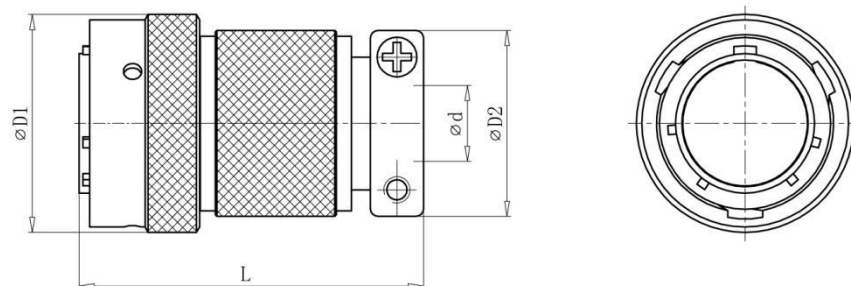
Shell size	L	D	Thread D1 UNEF-2A
08	21.7	18.8	0.4375-28
10	21.7	21.8	0.5625-24
12	21.7	24.8	0.6875-24
14	21.7	28.7	0.8125-20
16	21.7	31.7	0.9375-20
18	21.7	35.6	1.0625-18
20	23.3	38.5	1.1875-18
22	23.3	41.7	1.3125-18
24	23.3	44.7	1.4375-18

MS3116E [Straight plug Class E]



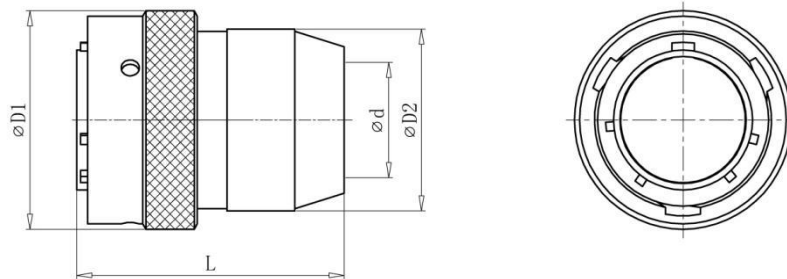
Shell size	L	D1	D2
08	30.7	18.8	15.0
10	30.7	21.8	18.0
12	30.7	24.8	21.7
14	30.7	28.7	24.9
16	30.7	31.7	28.2
18	30.7	35.6	31.2
20	32.3	38.5	34.6
22	32.3	41.7	37.6
24	32.3	44.7	40.9

MS3116F [Straight plug Class F]



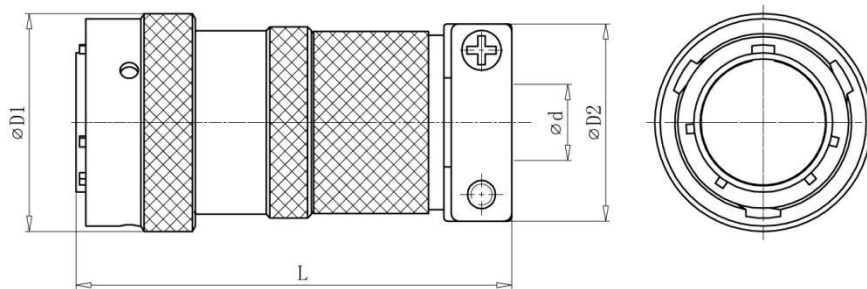
Shell size	L	D1	D2	d max
08	45.5	18.8	20.0	5.5
10	45.5	21.8	22.0	8.15
12	45.5	24.8	24.5	10.0
14	47.0	28.7	26.0	10.0
16	47.0	31.7	30.5	13.0
18	47.0	35.6	35.0	16.0
20	48.0	38.5	35.2	16.0
22	48.0	41.7	41.0	19.3
24	48.0	44.7	44.0	20.6

MS3116P [Straight plug Class P]



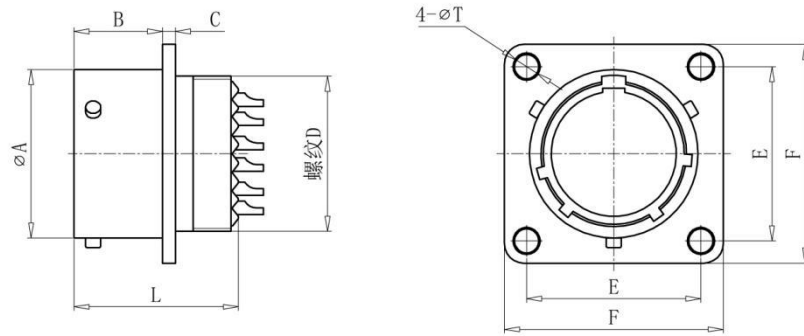
Shell size	L max	D1	D2	d max
08	36.2	18.8	15.3	10.46
10	36.2	21.8	17.7	13.55
12	36.2	24.8	21.7	13.96
14	36.2	28.7	23.9	17.42
16	36.2	31.7	27.0	20.56
18	37.7	35.6	30.5	23.66
20	42.4	38.5	33.6	23.92
22	42.4	41.7	37.1	25.52
24	42.8	44.7	40.0	32.00

MS3116J [Straight plug Class J]



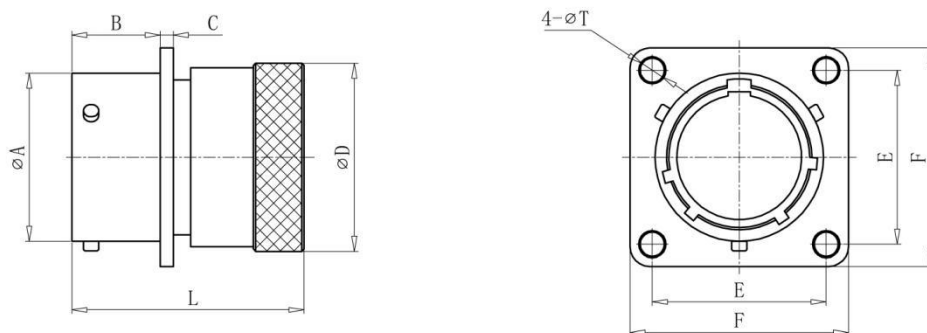
Shell size	L max	D1	D2	d
08	57.6	18.8	20.0	5.4
10	57.6	21.8	20.0	6.4
12	61.2	24.8	24.5	9.8
14	66.0	28.7	26.0	11.7
16	74.7	31.7	30.5	15.1
18	80.5	35.6	35.0	16.4
20	91.6	38.5	35.0	17.3
22	95.6	41.7	35.0	18.2
24	101.2	44.7	38.0	20.0

MS3110R [Wall mounting receptacle Class R]



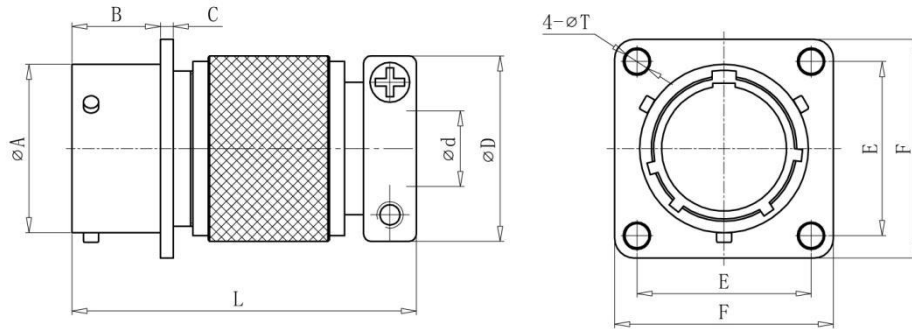
Shell size	L	A	B	C	E	F max	T	Thread D UNEF-2A
08	21.7	12.04	11.7	1.7	15.09	20.99	3.2	0.4375-28
10	21.7	15.00	11.7	1.7	18.26	24.19	3.2	0.5625-24
12	21.7	19.07	11.7	1.7	20.62	26.54	3.2	0.6875-24
14	21.7	22.25	11.7	1.7	23.0	28.89	3.2	0.8125-20
16	21.7	25.43	11.7	1.7	24.61	31.29	3.2	0.9375-20
18	21.7	28.60	11.7	1.7	26.97	33.69	3.2	1.0625-18
20	23.6	31.78	14.3	2.2	29.36	36.89	3.2	1.1875-18
22	23.6	34.95	14.3	2.2	31.75	39.99	3.2	1.3125-18
24	23.6	38.13	15.0	2.2	34.92	43.15	3.8	1.4375-18

MS3110E [Wall mounting receptacle Class E]



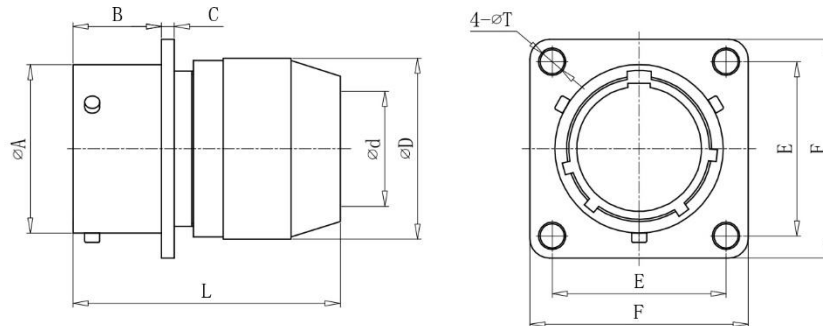
Shell size	L	A	B	C	D	E	F max	T
08	30.7	12.04	11.7	1.7	15.0	15.09	20.99	3.2
10	30.7	15.00	11.7	1.7	18.0	18.26	24.19	3.2
12	30.7	19.07	11.7	1.7	21.7	20.62	26.54	3.2
14	30.7	22.25	11.7	1.7	24.9	23.0	28.89	3.2
16	30.7	25.43	11.7	1.7	28.2	24.61	31.29	3.2
18	30.7	28.60	11.7	1.7	31.2	26.97	33.69	3.2
20	32.6	31.78	14.3	2.2	34.6	29.36	36.89	3.2
22	32.6	34.95	14.3	2.2	37.6	31.75	39.99	3.2
24	32.6	38.13	15.0	2.2	40.9	34.92	43.15	3.8

MS3110F [Wall mounting receptacle Class F]



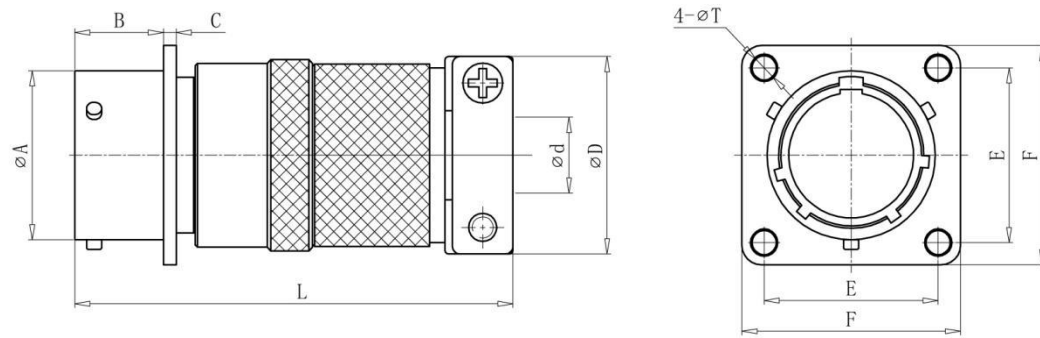
Shell size	L	A	B	C	D	d max	E	F max	T
08	45.5	12.04	11.7	1.7	18.2	5.5	15.09	20.99	3.2
10	45.5	15.00	11.7	1.7	20.2	8.15	18.26	24.19	3.2
12	45.5	19.07	11.7	1.7	23.2	10.0	20.62	26.54	3.2
14	47.0	22.25	11.7	1.7	26.2	10.0	23.0	28.89	3.2
16	47.0	25.43	11.7	1.7	31.2	13.0	24.61	31.29	3.2
18	47.0	28.60	11.7	1.7	34.2	16.0	26.97	33.69	3.2
20	49.9	31.78	14.3	2.2	34.2	16.0	29.36	36.89	3.2
22	49.9	34.95	14.3	2.2	38.2	19.3	31.75	39.99	3.2
24	49.9	38.13	15.0	2.2	41.2	20.6	34.92	43.15	3.8

MS3110P [Wall mounting receptacle Class P]



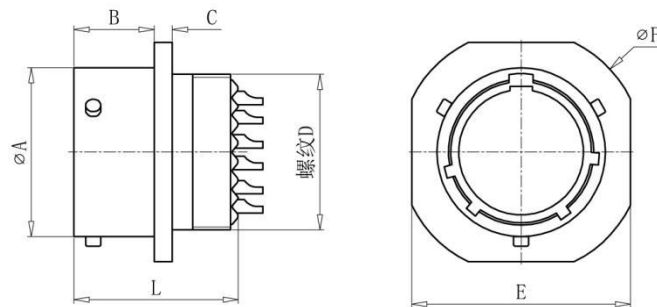
Shell size	L max	A	B	C	D	d max	E	F max	T
08	36.2	12.04	11.7	1.7	15.3	10.46	15.09	20.99	3.2
10	36.2	15.00	11.7	1.7	17.7	13.55	18.26	24.19	3.2
12	36.2	19.07	11.7	1.7	21.7	13.96	20.62	26.54	3.2
14	36.2	22.25	11.7	1.7	23.9	17.42	23.0	28.89	3.2
16	36.2	25.43	11.7	1.7	27.0	20.56	24.61	31.29	3.2
18	37.7	28.60	11.7	1.7	30.5	23.66	26.97	33.69	3.2
20	42.7	31.78	14.3	2.2	33.6	23.92	29.36	36.89	3.2
22	42.7	34.95	14.3	2.2	37.1	25.52	31.75	39.99	3.2
24	43.1	38.13	15.0	2.2	40.0	32.00	34.92	43.15	3.8

MS3110J [Wall mounting receptacle Class J]



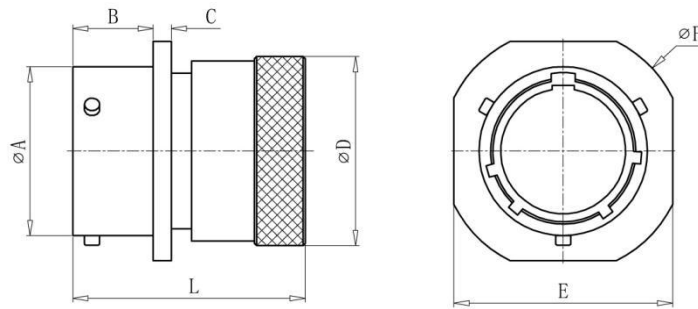
Shell size	L max	A	B	C	D	d max	E	F max	T
08	57.6	12.04	11.7	1.7	20.0	5.5	15.09	20.99	3.2
10	57.6	15.00	11.7	1.7	20.0	8.15	18.26	24.19	3.2
12	61.2	19.07	11.7	1.7	24.5	10.0	20.62	26.54	3.2
14	66.0	22.25	11.7	1.7	26.0	10.0	23.0	28.89	3.2
16	74.7	25.43	11.7	1.7	30.5	13.0	24.61	31.29	3.2
18	80.5	28.60	11.7	1.7	35.0	16.0	26.97	33.69	3.2
20	91.6	31.78	14.3	2.2	35.0	16.0	29.36	36.89	3.2
22	95.6	34.95	14.3	2.2	35.0	19.3	31.75	39.99	3.2
24	101.2	38.13	15.0	2.2	38.0	20.6	34.92	43.15	3.8

MS3111R [Cable connecting receptacle Class R]



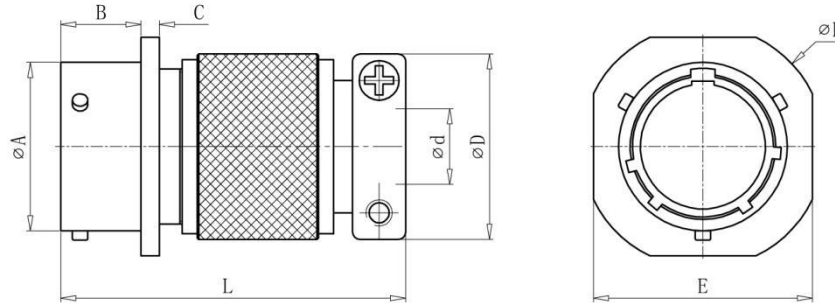
Shell size	L	A	B	C	E	F max	Thread D UNEF-2A
08	21.7	12.04	10.6	2.4	20.99	24.24	0.4375-28
10	21.7	15.00	10.6	2.4	24.19	27.44	0.5625-24
12	21.7	19.07	10.6	2.4	26.54	29.79	0.6875-24
14	21.7	22.25	10.6	2.4	28.89	32.10	0.8125-20
16	21.7	25.43	10.6	2.4	31.29	34.59	0.9375-20
18	21.7	28.60	10.6	2.4	33.69	36.94	1.0625-18
20	23.6	31.78	13.7	2.8	36.89	40.14	1.1875-18
22	23.6	34.95	13.7	2.8	40.00	43.24	1.3125-18
24	23.6	38.13	14.4	2.8	43.29	46.44	1.4375-18

MS3111E [Cable connecting receptacle Class E]



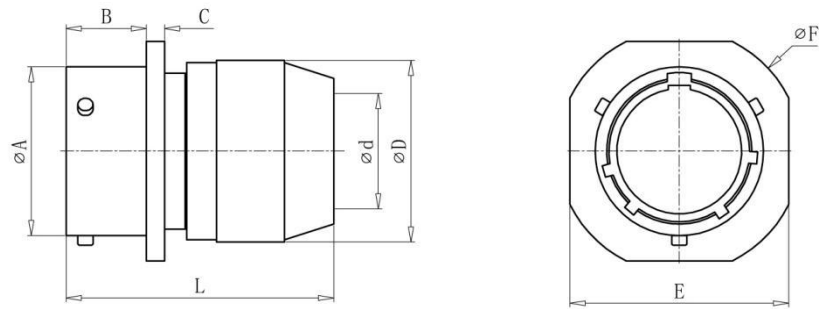
Shell size	L	A	B	C	D	E	F max
08	30.7	12.04	10.6	2.4	15.0	20.99	24.24
10	30.7	15.00	10.6	2.4	18.0	24.19	27.44
12	30.7	19.07	10.6	2.4	21.7	26.54	29.79
14	30.7	22.25	10.6	2.4	24.9	28.89	32.10
16	30.7	25.43	10.6	2.4	28.2	31.29	34.59
18	30.7	28.60	10.6	2.4	31.2	33.69	36.94
20	32.6	31.78	13.7	2.8	34.6	36.89	40.14
22	32.6	34.95	13.7	2.8	37.6	40.00	43.24
24	32.6	38.13	14.4	2.8	40.9	43.29	46.44

MS3111F [Cable connecting receptacle Class F]



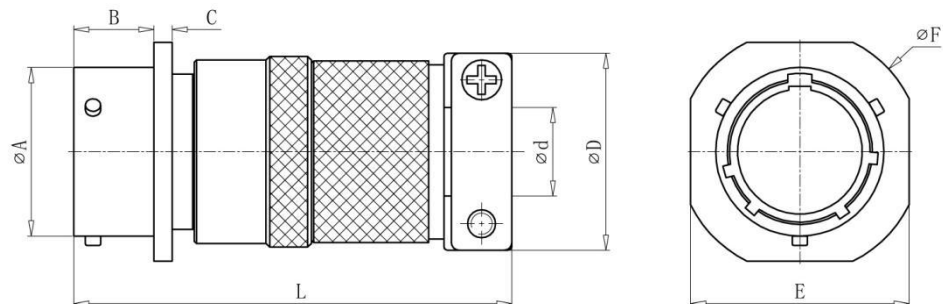
Shell size	L	A	B	C	D	d max	E	F max
08	45.5	12.04	10.6	2.4	18.2	5.5	20.99	24.24
10	45.5	15.00	10.6	2.4	20.2	8.15	24.19	27.44
12	45.5	19.07	10.6	2.4	23.2	10.0	26.54	29.79
14	47.0	22.25	10.6	2.4	26.2	10.0	28.89	32.10
16	47.0	25.43	10.6	2.4	31.2	13.0	31.29	34.59
18	47.0	28.60	10.6	2.4	34.2	16.0	33.69	36.94
20	49.9	31.78	13.7	2.8	34.2	16.0	36.89	40.14
22	49.9	34.95	13.7	2.8	38.2	19.3	40.00	43.24
24	49.9	38.13	14.4	2.8	41.2	20.6	43.29	46.44

MS3111P [Cable connecting receptacle Class P]



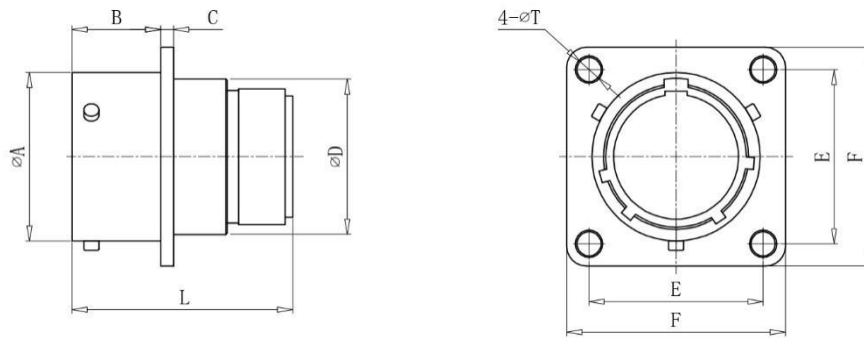
Shell size	L max	A	B	C	D	d max	E	F max
08	36.2	12.04	10.6	2.4	15.3	10.46	20.99	24.24
10	36.2	15.00	10.6	2.4	17.7	13.55	24.19	27.44
12	36.2	19.07	10.6	2.4	21.7	13.96	26.54	29.79
14	36.2	22.25	10.6	2.4	23.9	17.42	28.89	32.10
16	36.2	25.43	10.6	2.4	27.0	20.56	31.29	34.59
18	37.7	28.60	10.6	2.4	30.5	23.66	33.69	36.94
20	42.7	31.78	13.7	2.8	33.6	23.92	36.89	40.14
22	42.7	34.95	13.7	2.8	37.1	25.52	40.00	43.24
24	43.1	38.13	14.4	2.8	40.0	32.00	43.29	46.44

MS3111J [Cable connecting receptacle Class J]



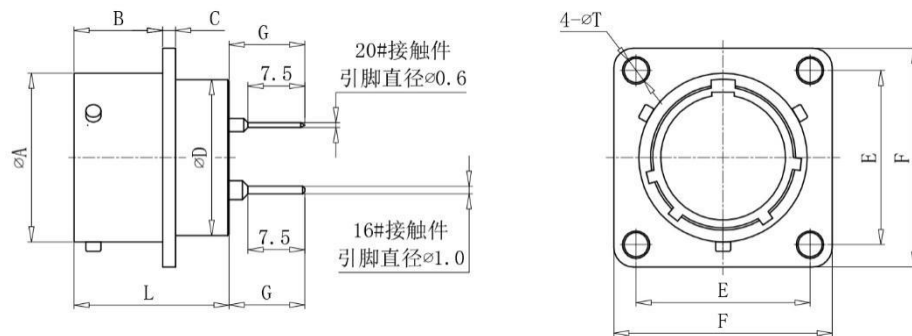
Shell size	L max	A	B	C	D	d max	E	F max
08	57.6	12.04	10.6	2.4	20.0	5.5	20.99	24.24
10	57.6	15.00	10.6	2.4	20.0	8.15	24.19	27.44
12	61.2	19.07	10.6	2.4	24.5	10.0	26.54	29.79
14	66.0	22.25	10.6	2.4	26.0	10.0	28.89	32.10
16	74.7	25.43	10.6	2.4	30.5	13.0	31.29	34.59
18	80.5	28.60	10.6	2.4	35.0	16.0	33.69	36.94
20	91.6	31.78	13.7	2.8	35.0	16.0	36.89	40.14
22	95.6	34.95	13.7	2.8	35.0	19.3	40.00	43.24
24	101.2	38.13	14.4	2.8	38.0	20.6	43.29	46.44

MS3112E [Box mounting receptacle Class E]



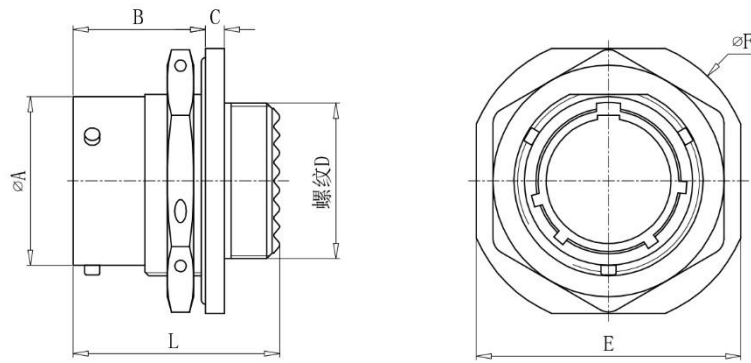
Shell size	L	A	B	C	D max	E	F max	T
08	29.2	12.04	11.7	1.7	10.84	15.09	20.99	3.2
10	29.2	15.00	11.7	1.7	13.99	18.26	24.19	3.2
12	29.2	19.07	11.7	1.7	17.37	20.62	26.54	3.2
14	29.2	22.25	11.7	1.7	20.57	23.0	28.89	3.2
16	29.2	25.43	11.7	1.7	23.72	24.61	31.29	3.2
18	29.2	28.60	11.7	1.7	26.69	26.97	33.69	3.2
20	30.8	31.78	14.3	2.2	29.89	29.36	36.89	3.2
22	30.8	34.95	14.3	2.2	33.04	31.75	39.99	3.2
24	30.8	38.13	15.0	2.2	26.24	34.92	43.15	3.8

MS3112B [Box mounting receptacle Class B]



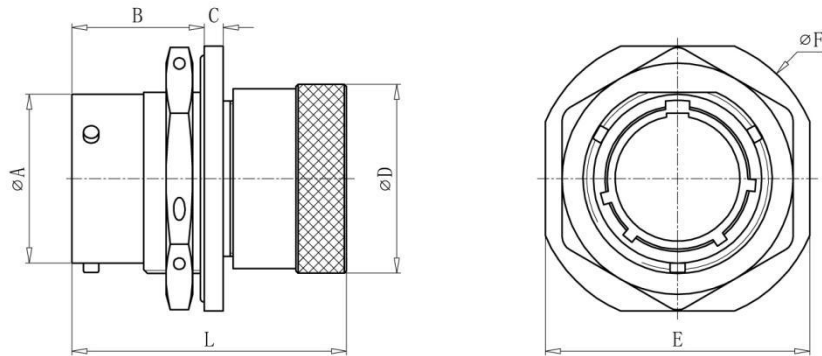
Shell size	L	A	B	C	D max	G max	E	F max	T
08	20.5	12.04	11.7	1.7	10.84	10.5	15.09	20.99	3.2
10	20.5	15.00	11.7	1.7	13.99	10.5	18.26	24.19	3.2
12	20.5	19.07	11.7	1.7	17.37	10.5	20.62	26.54	3.2
14	20.5	22.25	11.7	1.7	20.57	10.5	23.0	28.89	3.2
16	20.5	25.43	11.7	1.7	23.72	10.5	24.61	31.29	3.2
18	20.5	28.60	11.7	1.7	26.69	10.5	26.97	33.69	3.2
20	23.3	31.78	14.3	2.2	29.89	8.6	29.36	36.89	3.2
22	23.3	34.95	14.3	2.2	33.04	8.6	31.75	39.99	3.2
24	23.3	38.13	15.0	2.2	26.24	8.6	34.92	43.15	3.8

MS3114R [Jam nut receptacle Class R]



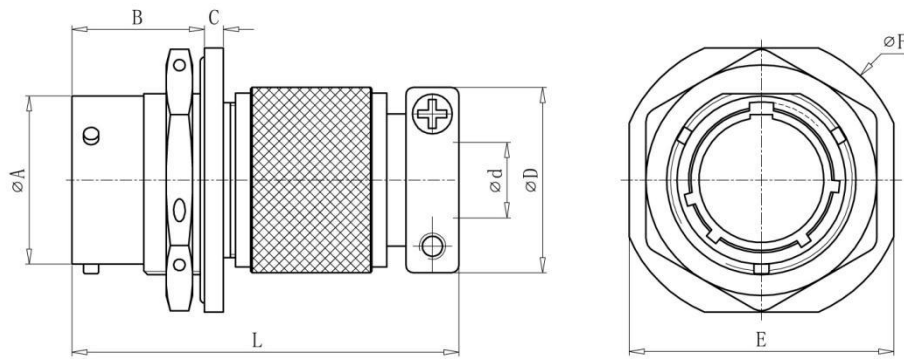
Shell size	L	A	B	C	E	F max	Thread D UNEF-2A
08	27.3	12.04	17.5	2.5	23.94	26.94	0.4375-28
10	27.3	15.00	17.5	2.5	26.94	30.14	0.5625-24
12	27.3	19.07	17.5	2.5	31.74	34.94	0.6875-24
14	27.3	22.25	17.5	2.5	34.94	38.04	0.8125-20
16	27.3	25.43	17.5	2.5	38.24	41.24	0.9375-20
18	27.3	28.60	17.5	2.5	41.34	44.44	1.0625-18
20	32.8	31.78	22.4	3.8	46.04	49.14	1.1875-18
22	32.8	34.95	22.4	3.8	49.24	52.24	1.3125-18
24	32.8	38.13	23.0	3.8	54.74	55.54	1.4375-18

MS3114E [Jam nut receptacle Class E]



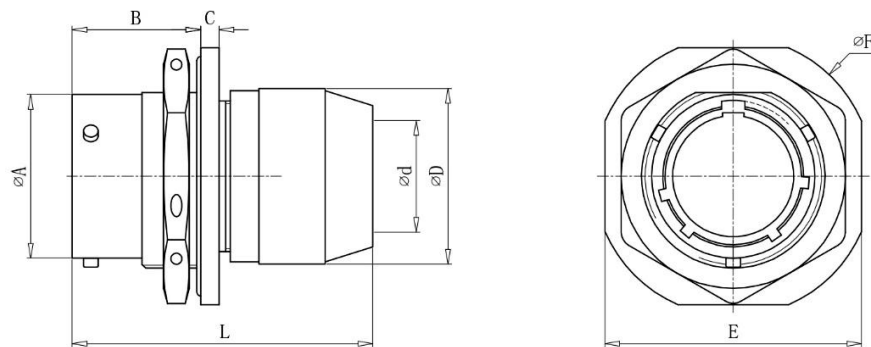
Shell size	L	A	B	C	D	E	F max
08	36.3	12.04	17.5	2.5	15.0	23.94	26.94
10	36.3	15.00	17.5	2.5	18.0	26.94	30.14
12	36.3	19.07	17.5	2.5	21.7	31.74	34.94
14	36.3	22.25	17.5	2.5	24.9	34.94	38.04
16	36.3	25.43	17.5	2.5	28.2	38.24	41.24
18	36.3	28.60	17.5	2.5	31.2	41.34	44.44
20	41.8	31.78	22.4	3.8	34.6	46.04	49.14
22	41.8	34.95	22.4	3.8	37.6	49.24	52.24
24	41.8	38.13	23.0	3.8	40.9	54.74	55.54

MS3114F [Jam nut receptacle Class F]



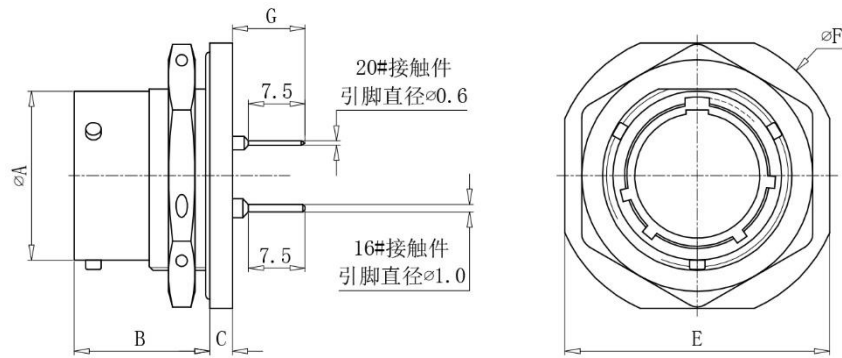
Shell size	L	A	B	C	D	d max	E	F max
08	51.1	12.04	17.5	2.5	18.2	5.5	23.94	26.94
10	51.1	15.00	17.5	2.5	20.2	8.15	26.94	30.14
12	51.1	19.07	17.5	2.5	23.2	10.0	31.74	34.94
14	52.6	22.25	17.5	2.5	26.2	10.0	34.94	38.04
16	52.6	25.43	17.5	2.5	31.2	13.0	38.24	41.24
18	52.6	28.60	17.5	2.5	34.2	16.0	41.34	44.44
20	59.1	31.78	22.4	3.8	34.2	16.0	46.04	49.14
22	59.1	34.95	22.4	3.8	38.2	19.3	49.24	52.24
24	59.1	38.13	23.0	3.8	41.2	20.6	54.74	55.54

MS3114P [Jam nut receptacle Class P]



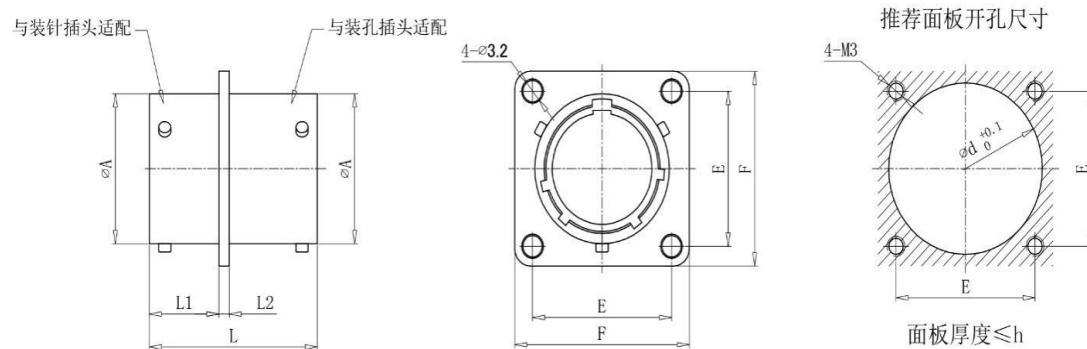
Shell size	L max	A	B	C	D	d max	E	F max
08	41.8	12.04	17.5	2.5	15.3	10.46	23.94	26.94
10	41.8	15.00	17.5	2.5	17.7	13.55	26.94	30.14
12	41.8	19.07	17.5	2.5	21.7	13.96	31.74	34.94
14	41.8	22.25	17.5	2.5	23.9	17.42	34.94	38.04
16	41.8	25.43	17.5	2.5	27.0	20.56	38.24	41.24
18	41.8	28.60	17.5	2.5	30.5	23.66	41.34	44.44
20	51.9	31.78	22.4	3.8	33.6	23.92	46.04	49.14
22	51.9	34.95	22.4	3.8	37.1	25.52	49.24	52.24
24	52.3	38.13	23.0	3.8	40.0	32.00	54.74	55.54

MS3114B [Jam nut receptacle Class B]



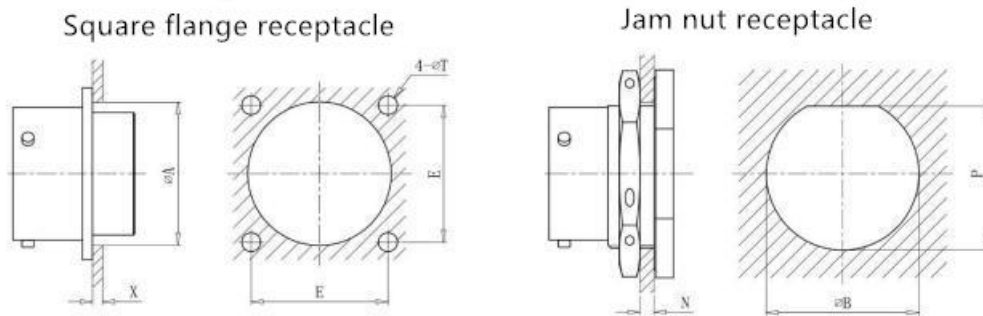
Shell size	A	B	C	G	E	F max
08	12.04	17.9	3.0	9.6	23.94	26.94
10	15.00	17.9	3.0	9.6	26.94	30.14
12	19.07	17.9	3.0	9.6	31.74	34.94
14	22.25	17.9	3.0	9.6	34.94	38.04
16	25.43	17.9	3.0	9.6	38.24	41.24
18	28.60	17.9	3.0	9.6	41.34	44.44
20	31.78	20.4	3.3	8.4	46.04	49.14
22	34.95	20.4	3.3	8.4	49.24	52.24
24	38.13	20.9	3.3	7.9	54.74	55.54

MS3112R



Shell size	A	E	F max	L	L1	L2	d	h
08	12.04	15.09	20.99	27.8	11.5	1.7	14.9	4.0
10	15.00	18.26	24.19	27.8	11.5	1.7	17.7	4.0
12	19.07	20.62	26.54	27.8	11.5	1.7	22.2	4.0
14	22.25	23.00	28.89	27.8	11.5	1.7	25.4	4.0
16	25.43	24.61	31.29	27.8	11.5	1.7	28.5	4.0
18	28.60	26.97	33.69	27.8	11.5	1.7	31.8	4.0
20	31.78	29.36	36.89	31.0	14.1	2.5	34.8	4.7
22	34.95	31.75	39.99	31.0	14.1	2.5	38.1	4.7
24	38.13	34.92	43.15	31.0	14.1	2.5	41.2	2.8

Recommended panel opening size for the socket



Shell size	A	E	T	X max	B	P	N
08	15.55	15.09	3.2	2.9	14.60	13.75	1.8~5.7
10	18.80	18.26	3.2	2.9	17.75	16.95	1.8~5.7
12	22.15	20.62	3.2	2.9	22.50	21.50	1.8~5.7
14	25.30	23.00	3.2	2.9	25.70	24.20	1.8~5.7
16	28.45	24.61	3.2	2.9	28.85	27.35	1.8~5.7
18	31.65	26.97	3.2	2.9	32.05	30.55	1.8~5.7
20	34.80	29.36	3.2	5.5	35.20	33.70	1.8~8.6
22	38.00	31.75	3.2	5.5	38.40	36.90	1.8~9.6
24	41.20	34.92	3.8	5.5	41.55	40.05	1.8~9.5