

## MIL-C-26482 series II filter connectors

### Description

- Interchangeable with MIL-C-26482 series II
- Quick bayonet coupling
- Small size and light weight
- High contact density
- Widely used in military and civil fields

### Main technical performance

#### [Mechanical]

- Shell: aluminum alloy/ stainless steel
- Insulator: thermosetting
- Grommet and seal: silicon rubber
- Contact: gold plated copper alloy, solder cup
- Endurance: 500 cycles

#### [Environmental]

- Operating temp.: -55°C ~ + 125°C
- Vibration: frequency 10~2000Hz acceleration peak value : 196m/s<sup>2</sup>
- Shock: acceleration: 980m/s<sup>2</sup>
- Constant acceleration: 980m/s<sup>2</sup>
- Salt spray: 48h (nickel plating); 500h(cadmium plating); 1000h(stainless steel passive)

#### [Electrical and Filtering]

- EMI filter frequency: 0.02MHz ~ 10GHz
- Rated voltage: 100 V~200V DC
- Withstanding voltage: 500V DC, no flashover and breakdown in 5s
- Insulation resistance: normal  $\geq 1000 \text{ M}\Omega$  damp& heat  $\geq 100 \text{ M}\Omega$  (22D<sup>#</sup>  $\geq 20 \text{ M}\Omega$ )
- Contact resistance and rated current

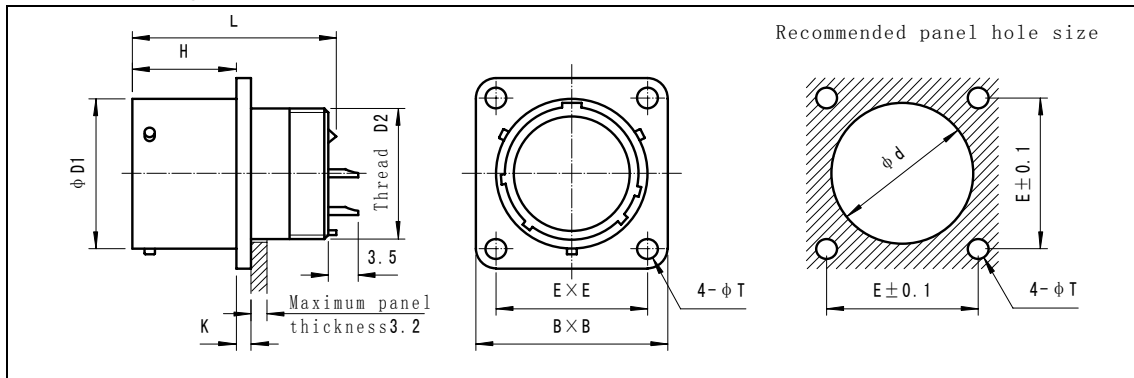
Contact size	Operating dia (mm)	Contact resistance (m $\Omega$ )	Rated current (A)
20 <sup>#</sup>	$\Phi 1.0$	$\leq 5$	7.5
16 <sup>#</sup>	$\Phi 1.6$	$\leq 2.5$	13
12 <sup>#</sup>	$\Phi 2.4$	$\leq 1.5$	23

### Ordering information

Basic series	LA	3470	L	14-	4	P	N	L	1	471
Type	3470- Narrow flange receptacle 3474- Jam nut receptacle									
Plating	L-electroless nickel plating W-Olive drab cadmium plating S-stainless steel passive B-olive green cadmium plating									
Shell size	08-10-12-14-16-18-20-22-24									
Contact layout	See contact layout									
Contact	P-pin S-socket									
Polarization	N-normal; W/X/Y/Z -alternative									
Feature code	L- filter									
Filter circuit type	1- type C 2- type $\pi$ 3- type T									

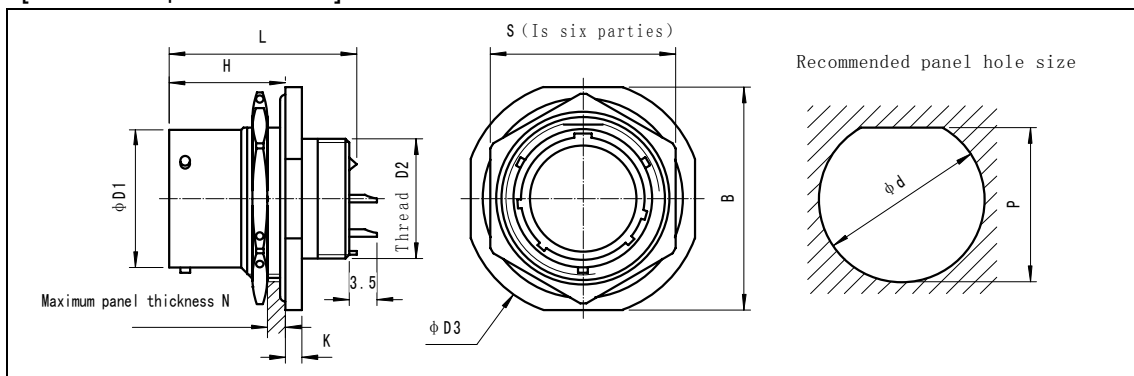
## Outline Dimensions

[Narrow flange receptacle LA3470]











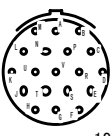
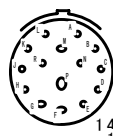
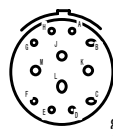
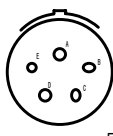
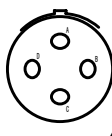
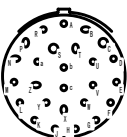
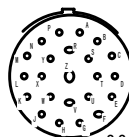
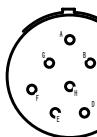
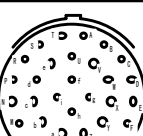
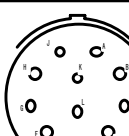
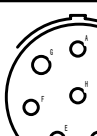
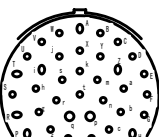
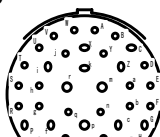

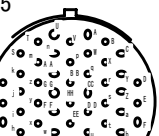
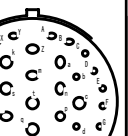




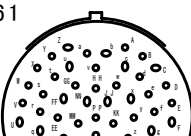
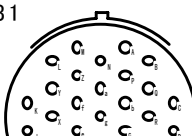

Shell size	D1	Thread D2 UNEF-2A	L	H	K	B	E	T	d
08	12.0	0.5000-20	31.5	11.7	1.9	21.0	15.1	3.2	14.4
10	15.0	0.6250-24	31.5	11.7	1.9	24.2	18.3	3.2	17.3
12	19.1	0.7500-20	31.5	11.7	1.9	26.5	20.6	3.2	21.9
14	22.2	0.8750-20	31.5	11.7	1.9	28.9	23.0	3.2	25.1
16	25.4	1.0000-20	31.5	11.7	1.9	31.3	24.6	3.2	28.2
18	28.6	1.0625-18	31.5	11.7	1.9	33.7	27.1	3.2	31.4
20	31.8	1.1875-18	33.0	14.3	2.7	36.9	29.4	3.2	34.6
22	34.9	1.3125-18	33.0	14.3	2.7	40.0	31.8	3.2	37.7
24	38.1	1.4375-18	33.0	15.2	2.7	43.3	34.9	3.7	41.0

[Jam nut receptacle JY3474]



Shell size	D1	Thread D2 UNEF-2A	D3	L	H	K	B	S	N	d	P
08	12.0	0.5000-20	27.2	31.5	17.5	2.5	24.0	19.4	4.8	14.6	13.7
10	15.0	0.6250-24	30.4	31.5	17.5	2.5	27.0	22.6	4.8	17.8	16.9
12	19.1	0.7500-20	35.2	31.5	17.5	2.5	32.0	27.4	4.8	22.8	21.0
14	22.2	0.8750-20	38.3	31.5	17.5	2.5	35.0	30.2	4.8	25.7	24.1
16	25.4	1.0000-20	41.4	31.5	17.5	2.5	38.2	33.7	4.8	28.4	27.3
18	28.6	1.0625-18	44.6	31.5	17.5	2.5	41.5	36.9	4.8	32.1	30.5
20	31.8	1.1875-18	49.4	33.0	19.0	3.3	46.2	40.1	6.4	35.2	33.7
22	34.9	1.3125-18	52.6	33.0	19.0	3.3	49.2	43.3	6.4	38.4	36.8
24	38.1	1.4375-18	55.7	33.0	19.0	3.3	52.5	46.4	5.6	41.6	40.1

## Contact layout (front face of pin inserts illustrated)

Shell number <b>08</b>	33  3-20#	98  3-20#	4  4-20#			
<b>10</b>	6  6-20#	98  6-20#				
<b>12</b>	10  10-20#	3  3-16#	8  8-20#			
<b>14</b>	19  19-20#	15  14-20# 1-16#	12  8-20# 4-16#	5  5-16#	4  4-12#	
<b>16</b>	26  26-20#	23  22-20# 1-16#	8  8-16#			
<b>18</b>	32  32-20#	11  11-16#	8  8-12#			
<b>20</b>	41  41-20#	39  37-20# 2-16#	16  16-16#			
<b>22</b>	55  55-20#	41  27-20# 14-16#	21  21-16#	12  12-12#	32  32-20#	95  26-20# 6-12#
<b>24</b>	61  61-20#	31  31-16#	19  19-12#			