D–SUBMINIATURE (D–SUB) ACCESSORIES

WIDE RANGE OF ACCESSORIES FOR SECURE CONNECTION

Amphenol FCI's D–Subminiature (D–Sub) connectors are part of industry standard and are one of the most popular Input/Output interconnects, addressing a wide variety of applications including telecommunications, industrial and medical.

- Prevents accidental mismating
- Hoods available in 9 to 50 positions for different connector pin configurations
- Metal hoods available in straight and angled terminations for EMI/RFI shielding
- Dust caps available in metal and plastic versions
- Locking screws comes with UNC 4–40 and M3 thread options

TARGET MARKETS

FEATURES	BENEFITS
Hoods available in plastic, metalized and metallic form with locking screws	Supports cable connection and prevents risks of pulling up and accidental mismating
Hoods available in 9 to 50 positions	Suitable for different connector pin configurations including high density series
Metal hoods available in straight and angled terminations	Suitable for EMI/RFI shielding
Hoods available with cable clamps and jackscrews	Assures secure connection with required strain relief
Hoods available in different orientations and locking options	Supports various customization need
Range includes different locking devices like screw locks and lever locks	Ensures secure and reliable connection
Screws available in both UNC 4–40 and M3 thread options	Ensures connector intermateability
Metal and plastic dust caps	Safeguards connector from dust and dirt when kept in unmated condition

TECHNICAL INFORMATION

TARGET MARKETS/APPLICATIONS

Asymmetric Digital Subscriber Line (ADSL)
Base Station
Switching
Transmission

Set–top Box

Desktop and Laptop
Storage System
Router and Server

Automotive Diagnostics
Control Drives
Energy Meter
Gaming Machine
Test Equipment
Office Automation
POS & Handheld terminal
Power Supplies
Parking Meter
Printer and Copier
Renewable Energy
Robotics
Surveillance Camera
Avionics

Medical Instrument

Military Equipment

Disclaimer
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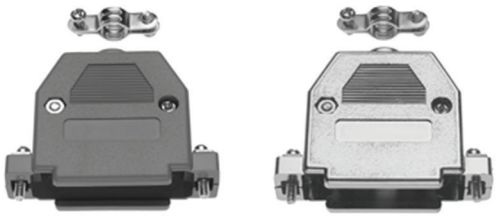
D-SUB – HOODS

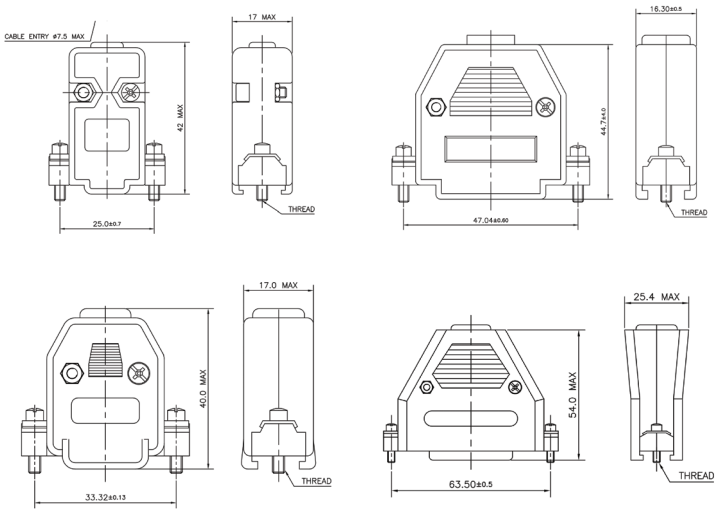
1 • STRAIGHT EXIT PLASTIC AND METALIZED HOOD WITH INTEGRATED LOCKING – ECONOMICAL SERIES



- Material: Self extinguishing UL 94 HB Thermoplastic
- Color: Grey/Metalized
- Temperature Range: -55°C +85°C
- Locking Screws: UNC 4-40 thread

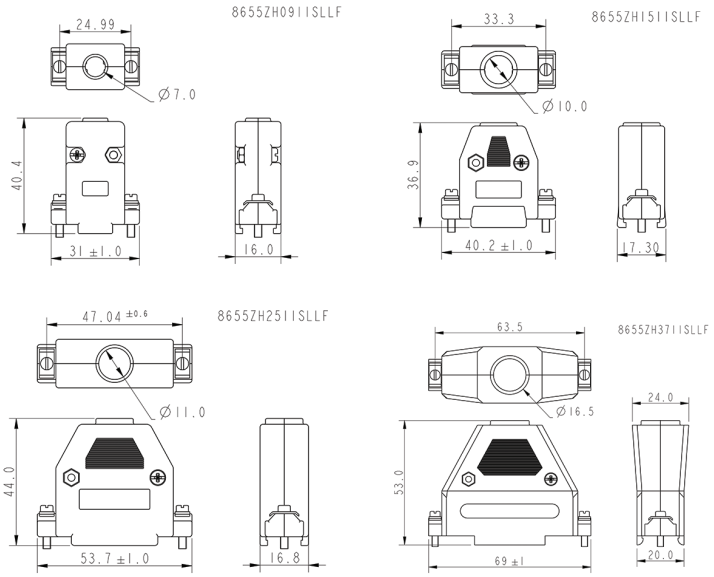
STRAIGHT EXIT HOOD-PLASTIC

Description	Part Numbers
Screw Thread UNC 4-40	8630CH09UNCLF
	8630CH15UNCLF
	8630CH25UNCLF
	8630CH37UNCLF
Screw Thread M3	8630CH09M3LF
	8630CH15M3LF
	8630CH25M3LF
	8630CH37M3LF



STRAIGHT EXIT HOOD-METALIZED

Description	Part Numbers
Screw Thread UNC 4-40	8655ZH0911SLLF
	8655ZH1511SLLF
	8655ZH2511SLLF
	8655ZH3711SLLF



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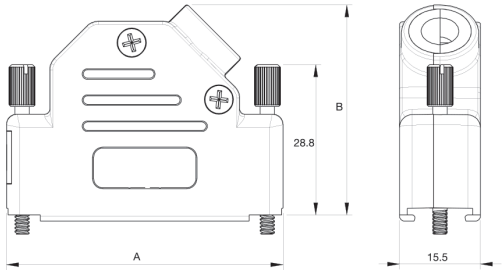
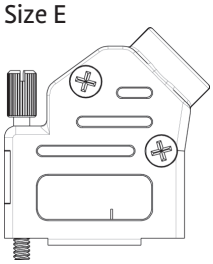
2 • ANGLE EXIT PLASTIC HOOD FOR CABLE

Size A,B,C



Size E

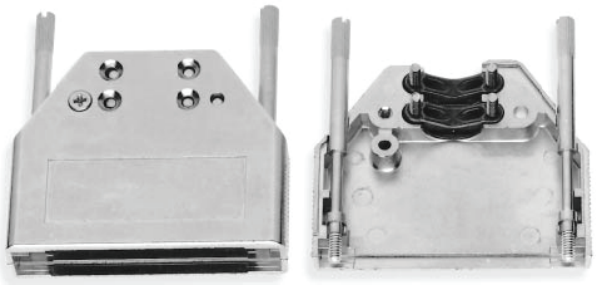


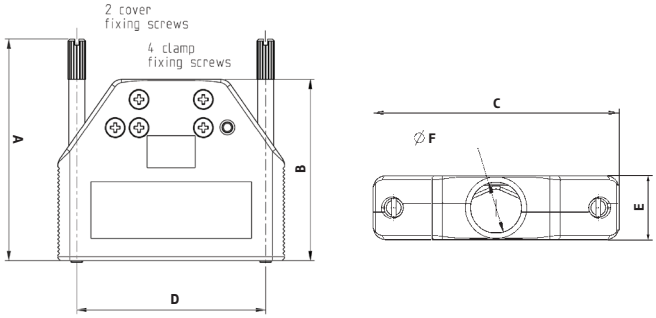
Shell Size	Part Numbers	A	B	Cable Diameter
E (9)	8655PHRA0901LF	31.0	36.2	4 to 13mm
A (15)	8655PHRA1501LF	39.5	40.2	
B (25)	8655PHRA2501LF	53.0	40.2	
C (37)	8655PHRA3701LF	69.5	40.2	

All dimensions in mm.

- Hoods available in Plastic, Metalized and Metallic form
- Cable Strain Relief: Steel fibre reinforced polycarbonate UL94V–0
- Color: Black
- Temperature Range: –40°C +120°C
- Packaging: Bulk, in box of 100 pieces
- Locking Screws: UNC 4–40 thread

3 • STRAIGHT EXIT METAL HOOD WITH TWO METAL CLAMPS FOR CABLE EMI/RFI





Shell Size	Part Numbers (in bulk)	Packaging	Part Numbers (in individual set)	Packaging	A± 0.1	B± 0.5	C± 0.1	D± 0.1	E± 0.2	F max.
E (9)	8655MH0901LF	80	8655MH0911LF	50	55.00	45.00	34.40	24.99	14.70	7.85
A (15)	8655MH1501LF	80	8655MH1511LF	50	55.00	45.00	42.70	33.32	14.70	11.80
B (25)	8655MH2501LF	60	8655MH2511LF	50	55.00	45.00	56.70	47.04	14.70	11.80
C (37)	8655MH3701LF	40	8655MH3711LF	50	55.00	45.00	72.95	63.50	14.70	11.80
D (50)	8655MH5001LF	40	8655MH5011LF	50	55.00	45.00	70.60	61.11	14.70	14.10

- Material: Zamack
- Plating: Nickel
- Environment: Frequencies at 100Mz > 40dB
- Corrosion Resistance: 50 Hours exposure to salt spray

For more information,
please contact: Communications@fci.com
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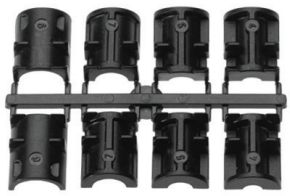
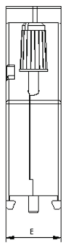
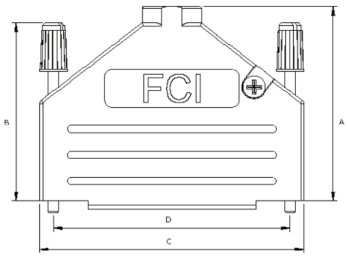
4 • STRAIGHT EXIT METAL HOOD FOR CABLE EMI/RFI – ECONOMICAL SERIES



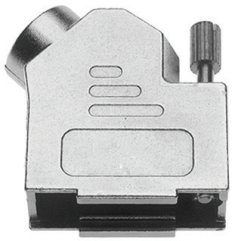




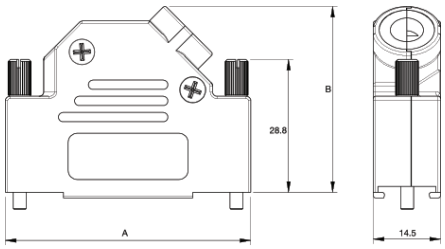
Shell Size	Part Numbers in bulk	A	B	C	D	E
E	8655MH0901BLF	38.3	47.3	31	24.99	14.6
A	8655MH1501BLF	40.5	47.3	39.5	33.32	14.6
B	8655MH2501BLF	47.3	47.3	53.2	47.04	14.6
C	8655MH3701BLF	52.2	47.3	70.9	63.5	15

- Material: Zamack, nickel plated
- Cable Strain Relief: Steel fiber reinforced polycarbonate
- UL94V-0 for EMI/RFI screening
- Temperature Range: -40°C +120°C
- Environment: >40dB between 30MHz and 1GHz
- Packaging: Bulk, in box of 100 pieces
- Locking Screws: UNC 4-40 thread

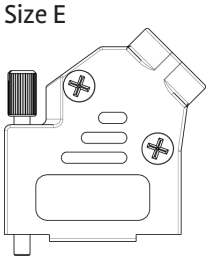
5 • ANGLE EXIT METAL HOOD FOR CABLE EMI/RFI – ECONOMICAL SERIES



Size A,B,C



Size E



Shell Size	Part Numbers	A	B	Cable Diameter
E (9)	8655MHRA0901LF	31.0	36.2	4 to 13 mm
A (15)	8655MHRA1501LF	39.5	40.2	
B (25)	8655MHRA2501LF	53.2	40.2	
C (37)	8655MHRA3701LF	69.7	40.2	
D (50)	8655MHRA5001LF	67.2	43.7	10 to 16 mm

- Material: Zamack, Nickel plated
- Cable Strain Relief: Steel fibre reinforced polycarbonate
- UL94V-0 for EMI/RFI screening
- Temperature Range: -40°C +120°C
- Environment: >40 dB between 30MHz and 1GHz
- Packaging: Bulk, in box of 100 pieces
- Locking Screws: UNC 4-40 thread

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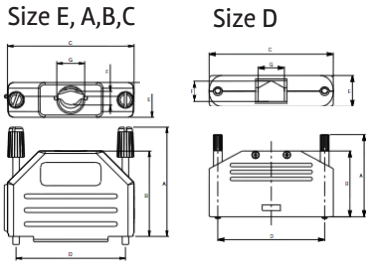
D–SUBMINIATURE (D–SUB) ACCESSORIES

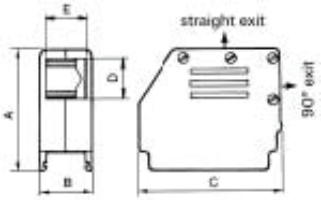
6 • "SNAP TOGETHER" PLASTIC HOOD



Shell Size	Part Numbers	A	B	C	D	E	With Clamp			Without Clamp	
							F		G	F	G
							min.	max.			
E (9)	86303637BLF	31.0	36.2	32.4	24.99	15	1	5.5	8.5	7	8.5
A (15)	86303638BLF	39.5	40.2	40.7	33.32	15	4	7	12	11	12
B (25)	86303639BLF	53.2	40.2	54.4	47.04	15	4	7	12	11	12
C (37)	86303640BLF	69.7	40.2	70.9	63.5	15	4	7	12	11	12
D (50)	86303641CLF	67.2	43.7	71.2	61.11	15	4	11.5	15.5	14	18

- Material: Zamack, nickel plated
- Material (size D): Thermoplastic (UL94V–2)
- Color: Black
- Temperature Range: –40°C +95°C
- Packaging: Individual sets
- Locking Screws: UNC 4–40 thread

7 • UNIVERSAL PLASTIC HOOD WITH METAL CLAMP FOR STRAIN RELIEF



Shell Size	Part Numbers (Black Hood)	Part Numbers (Metalized Hood)	A	B	C	With Clamp			Without Clamp	
						D	E		D	E
							min.	max.		
E	863093C09ALF	863093C09MLF	29.75	15.50	24.25	6	1.90	0.10	8	11.50
A	863093C15ALF	863093C15MLF	29.75	15.50	32.50	6	1.90	0.10	8	11.50
B	863093C25ALF	863093C25MLF	46.50	15.50	46.00	13.50	2.60	0.10	16	11.50
C	863093C37ALF	863093C37MLF	46.50	15.50	60.50	13.50	2.60	0.10	16	11.50
D	863093C50ALF	863093C50MLF	46.50	18.00	56.50	15.50	4.40	12.60	18	14.00

- Material (black hood): Self–extinguishing
- UL94V–0 thermoplastic
- Material (metalized): Thermoplastic
- Temperature Range: –55°C +125°C
- Packaging: Individual sets

All dimensions in mm.

For more information,
please contact: Communications@fci.com
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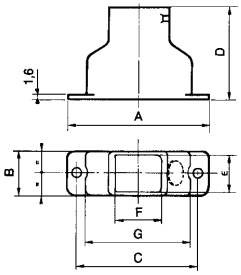
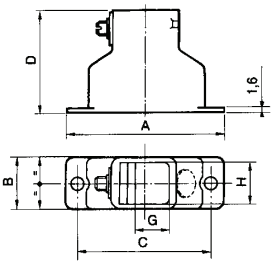
MONOBLOC PLASTIC HOODS FOR POTTING

8 • STRAIGHT EXIT



with cable tie

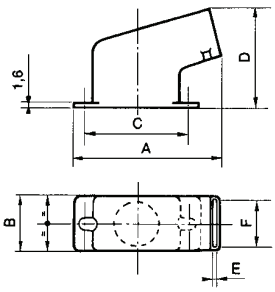


with screw and plate strain relief

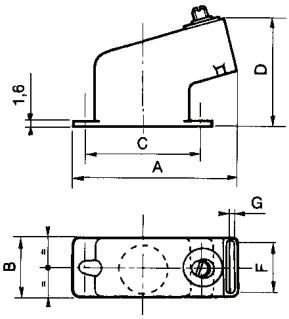
- Material: Self-extinguishing
- UL rated 94V-0 thermoplastic
- Temperature range : -55°C to +105°C
- Color: Black

Shell Size	Part Numbers		A	B	C	D	E	F	G		H
	Hood with cable tie	Hood with screw and plate							min.	max.	
E	863086BLF	86303920ALF	30.60	12.50	25.00	29.00	9.90	9.90	2.70	7.10	10.50
A	863021BLF	86303921ALF	38.90	12.50	33.32	29.00	9.90	11.90	4.50	9.10	10.50
B	863022BLF	86303922ALF	52.80	12.50	47.05	35.00	9.90	16.40	9.20	13.60	10.50
C	863023BLF	86303923ALF	69.10	12.50	63.50	41.00	9.90	23.40	9.20	20.60	10.50
D	863024BLF	86303924ALF	66.70	15.30	61.10	41.00	12.70	23.40	9.20	20.60	13.30

9 • RIGHT ANGLE EXIT



with cable tie



with screw and plate strain relief

Shell Size	Part Numbers		A	B	C	D	E	F	G	
	Hood with cable tie	Hood with screw and plate							min.	max.
E	86305002BLF	86303925ALF	30.60	12.50	25.00	26.20	10.50	10.50	2.70	7.10
A	863026BLF	86303926ALF	38.90	12.50	33.32	28.60	12.50	10.50	4.50	9.10
B	863027BLF	86303927ALF	52.80	12.50	47.05	36.40	17.00	10.50	9.20	13.60
C	863028BLF	86303928ALF	69.10	12.50	63.50	42.60	24.00	10.50	9.20	20.60
D	863029BLF	86303929ALF	66.70	15.30	61.10	41.00	24.00	13.30	9.20	20.60

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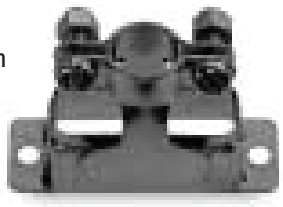
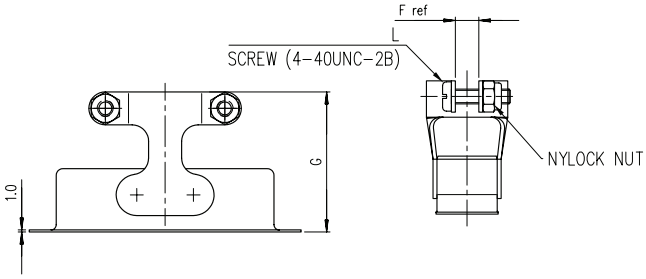
HOOD WITH CABLE CLAMPS

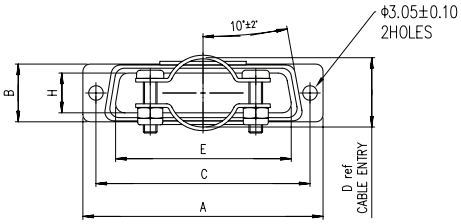
10 • METAL HOOD WITH CIRCULAR CLAMP AND STRAIGHT EXIT

- Material: Steel
- Plating: Yellow chromate cadmium
- Corrosion Resistance:
- 50 hours exposure to salt spray



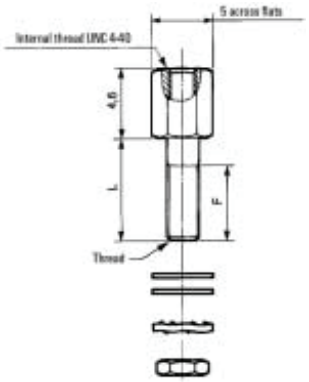


Shell Size	Part Numbers	A ± 0.38	B ± 0.38	C ± 0.13	D ref	E ± 0.38	F ref	G ± 0.76	H ± 0.38	L ± 0.80
E	863010A	30.68	12.70	25.00	10.31	16.79	3.18	26.19	8.74	9.53
A	863011A	38.89	12.70	33.30	10.31	25.00	3.18	26.19	8.74	9.53
B	863012A	52.78	12.70	47.04	15.06	38.48	4.75	27.08	8.74	9.53
C	863013A	69.04	12.70	63.50	18.25	55.14	6.35	27.08	8.74	12.70
D	863014A	66.68	15.47	61.12	20.62	53.16	7.93	27.08	11.13	15.88



11 • FEMALE SCREW LOCKS

Thread	L.Max	F	Material	Part Numbers
M3	8.30	6.90	Brass	863001TLF
M3	8.30	6.90	Steel	86552153TLF
M3	6.30	5.00	Brass	863001017TLF
M3	13.00	12.00	Brass	863001061TLF
UNC 4–40	8.30	6.90	Brass	863001060TLF



- Plating: Bright tin
- Corrosion Resistance: 24 hours exposure to salt spray

12 • SPECIFIC FEMALE SCREW LOCKS FOR DELTA D SERIES

Thread	L.Max	F	Material	Part Numbers
M3	4.5	3.7	Steel	863001018TLF
UNC 4–40	4.5	3.7	Steel	863001019TLF

Material	Torque Max. (Nm)
Brass	0.5
Steel	0.7

Disclaimer
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13 • MALE SCREW LOCKS

Shell Size	Connector Type	For use with connector without hood or with hood 7	For use with connector with hoods 10	For use with connector with hoods 8
E	Male	863005ATLF	863004ATLF	863009ATLF
	Female			
A	Male			
	Female			
B	Male			
	Female			
C	Male	863008ATLF		
	Female	863005ATLF		
D	Male	863015ATLF	863002ATLF	863025ATLF
	Female	863003ATLF		

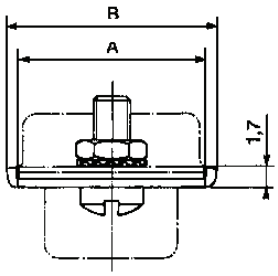
- Material: Steel
- Plating: Bright tin
- Corrosion Resistance: 50 hours exposure to salt spray
- To obtain military plating (yellow chromate cadmium) exclude «TLF» in the part number (ex: 863005A)
- Thread: UNC 4–40

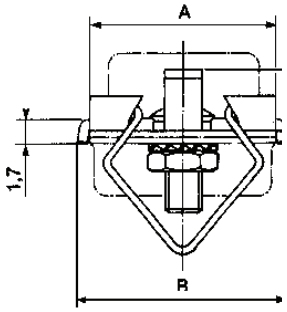
LOCKING DEVICES

14• LEVER LOCKS

Female

Male





Shell Size	A	B	M3 Thread		UNC 4–40 Thread	
			Female	Male	Female	Male
E, A, B, C	12.50	14.30	86303425LF	86552096LF	86303425060LF	86552098LF
D	15.30	17.10	86303426LF	86552097LF	86303426060LF	86552099LF

- Material: Steel
- Plating: Passivated

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CAPS

15 • METAL CAPS

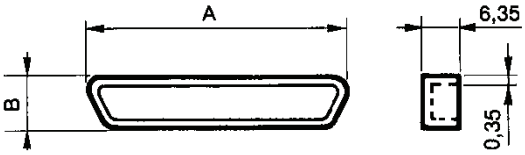
Shell size	Connector Type Compatibility	Part Numbers	Diameter
E	Male	86553148TLF	30
	Female	86553113TLF	30
		86553138TLF*	30
A	Male	86553149TLF	25
	Female	86553114TLF	25
		86553139TLF*	25
B	Male	86553150TLF	20
	Female	86553115TLF	20
		86553140TLF*	20
C	Male	86553151TLF	15
	Female	86553116TLF	15
		86553141TLF*	15
D	Male	86553152TLF	10
	Female	86553117TLF	10
		86553142TLF*	10

- Material: Steel
- Plating: Bright tin
- Corrosion Resistance: To obtain military plating (yellow chromate cadmium) exclude “TLF” in part number (ex : 86553148A)

16 • ATTACHING CORD FOR METAL CAPS

86553156LF (Length = 100 mm)
Packaging: Individual

17 • PLASTIC DUST CAPS



Shell size	For male connector	A	B	For female connector	A	B
E	70518BLF	19.17	10.30	70523BLF	17.77	9.0
A	70519BLF	27.50	10.30	70524BLF	26.10	9.0
B	70520BLF	41.67	10.70	70525BLF	39.82	9.0
C	70521BLF	58.13	10.70	70526BLF	56.28	9.0
D	70522BLF	55.49	13.40	70527BLF	53.89	11.85

- Material: Thermoplastic
- Color: Black
  (For Red, please contact AFCI sales representative)

Disclaimer
Please note that the above information is subject to change without notice.

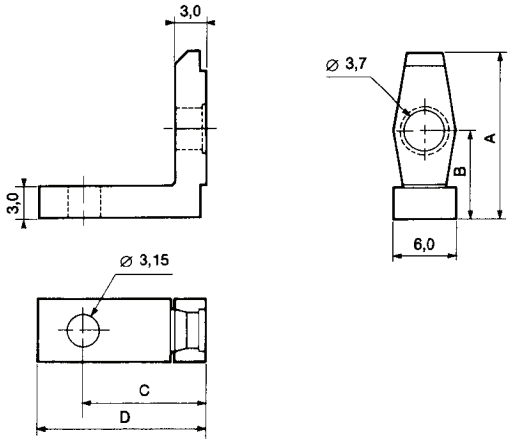
LOCKING DEVICES

Plastic mounting brackets are normally supplied with angled spill D–Sub connectors series D, DP, DM and DMW. However, both plastic and metal brackets can be ordered separately, using the part numbers listed below. These brackets are supplied with a screw and a nut. Order two assemblies for each connector.

18 • PLASTIC BRACKETS

Shell Size	Part Numbers	A	B	C	D
E, A, B, C	86303714LF	13.20	7.20	10.74	13.90

- Material: UL rated 94V0 thermoplastic



For more information,
please contact: Communications@fci.com
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Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
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- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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AVIC JONHON

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(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).

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