

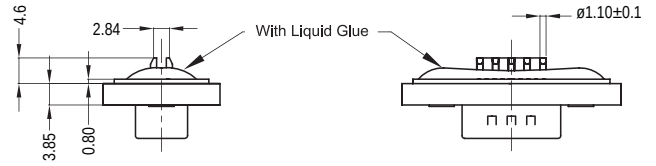
WATERPROOF



Waterproof DSub.....	90
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Waterproof DSub Connector - Solder Cup, 9-25 contacts

USB & IEEE
IDC &
Flat Ribbon
IC, PLCC, Pin
& Jumpers
DSub &
Centronics

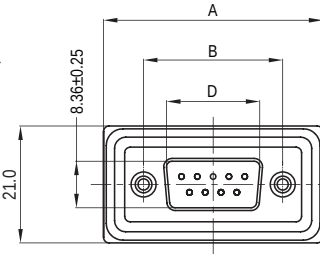
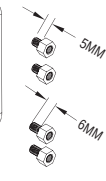
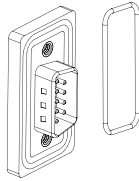


Material:

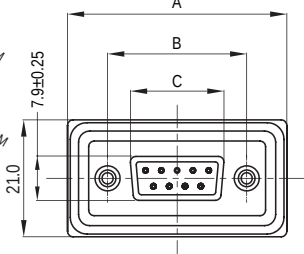
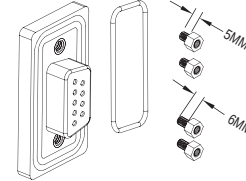
Waterproof Rating: IP67
Connector: Black, Nylon + GF
Pin: Copper Alloy, Gold plated
Applicable Wire Range: 22AWG - 26AWG
Operating Temperature: -40°C~+105°C

Electrical:

Current Rating: 5.0A
Insulation Resistance: >500MΩ min.
Dielectric Voltage: 500V AC / 1 minute



Male DSub



Female DSub

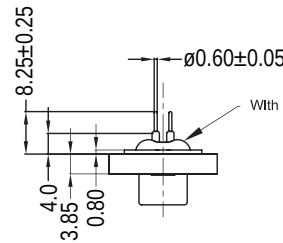
Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. D	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. C
A-DS09LL-WP-R	9	Male	39.4	25.00	16.92	A-DF09LL-WP-R	9	Female	39.4	25.00	16.33
A-DS15LL-WP-R	15	Male	47.8	33.30	25.25	A-DF15LL-WP-R	15	Female	47.8	33.30	24.66
A-DS25LL-WP-R	25	Male	64.5	47.00	38.96	A-DF25LL-WP-R	25	Female	64.5	47.00	38.38

Waterproof DSub Connector - Straight Pin, for PCB mount, 9-25 contacts

Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FFC
MiniDIN &
Audio
KVM Cables

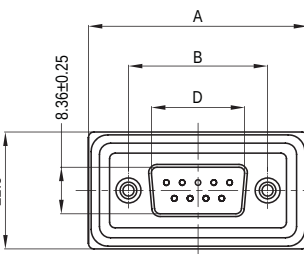
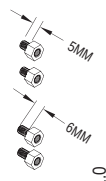
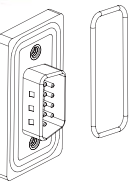


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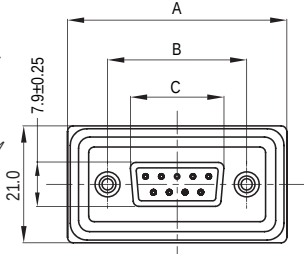
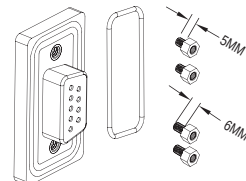
Waterproof Rating: IP67
Connector: Black, Nylon + GF
Pin: Copper Alloy, Gold plated
Applicable Wire Range: 22AWG - 26AWG
Operating Temperature: -40°C~+105°C

Electrical:

Current Rating: 5.0A
Insulation Resistance: >500MΩ min.
Dielectric Voltage: 500V AC / 1 minute



Male DSub



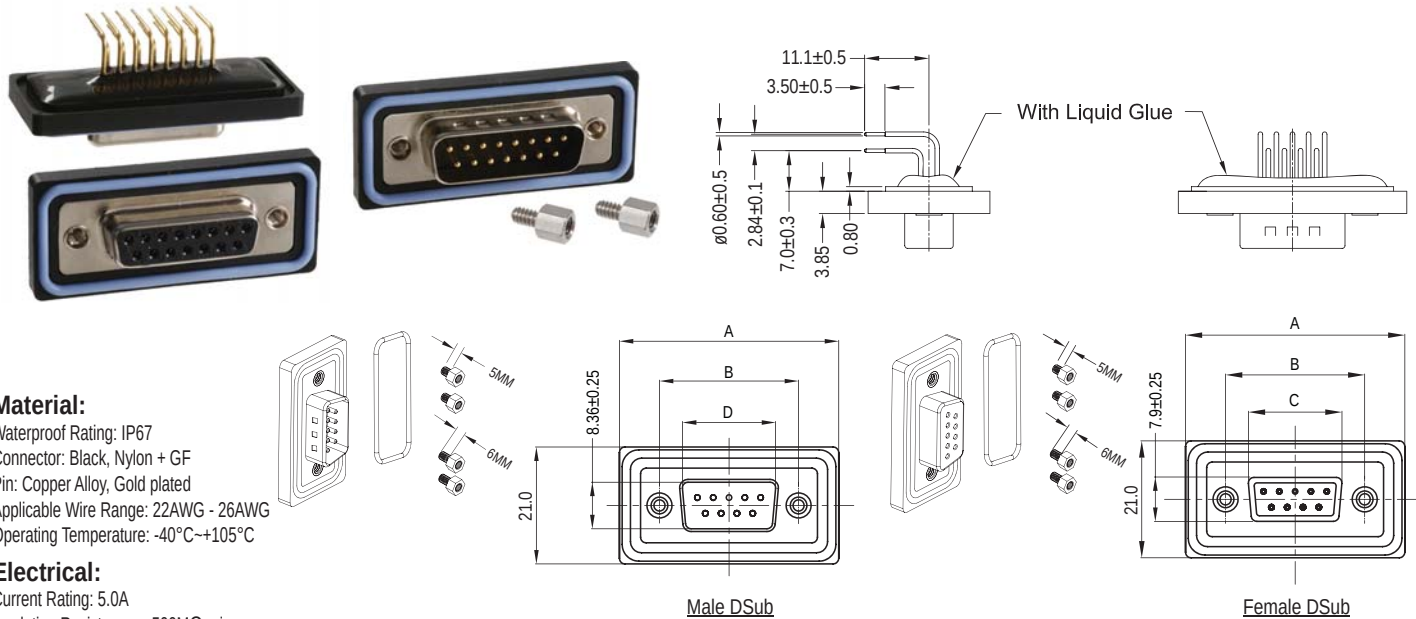
Female DSub

Unit: MM

NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. D	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. C
A-DS09PP-WP-R	9	Male	39.4	25.00	16.92	A-DF09PP-WP-R	9	Female	39.4	25.00	16.33
A-DS15PP-WP-R	15	Male	47.8	33.30	25.25	A-DF15PP-WP-R	15	Female	47.8	33.30	24.66
A-DS25PP-WP-R	25	Male	64.5	47.00	38.96	A-DF25PP-WP-R	25	Female	64.5	47.00	38.38

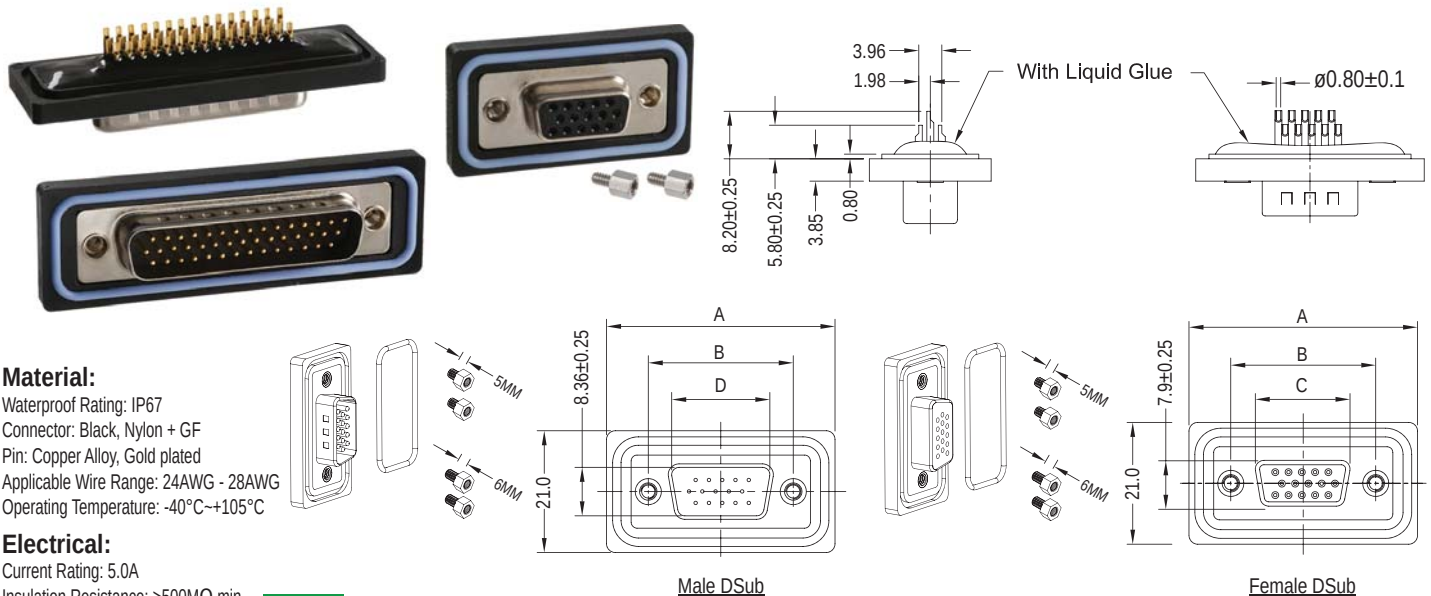
Waterproof DSub Connector - Right Angled, for PCB mount, 9-25 contacts



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. D	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. C
A-DS09AA-WP-R	9	Male	39.4	25.00	16.92	A-DF09AA-WP-R	9	Female	39.4	25.00	16.33
A-DS15AA-WP-R	15	Male	47.8	33.30	25.25	A-DF15AA-WP-R	15	Female	47.8	33.30	24.66
A-DS25AA-WP-R	25	Male	64.5	47.00	38.96	A-DF25AA-WP-R	25	Female	64.5	47.00	38.38

High Density Waterproof DSub Connector - Solder Cup, 15-44 contacts

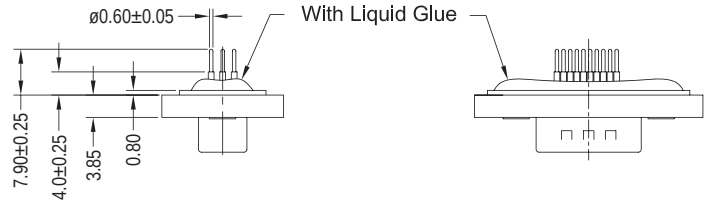


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Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. D	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. C
A-HDS15LL-WP-R	15	Male	39.4	25.00	16.92	A-HDF15LL-WP-R	15	Female	39.4	25.00	16.33
A-HDS26LL-WP-R	26	Male	47.8	33.30	25.25	A-HDF26LL-WP-R	26	Female	47.8	33.30	24.66
A-HDS44LL-WP-R	44	Male	64.5	47.00	38.96	A-HDF44LL-WP-R	44	Female	64.5	47.00	38.38

High Density Waterproof DSub Connector - Straight Pin, for PCB Mount, 15-44 contacts

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin
Centronics

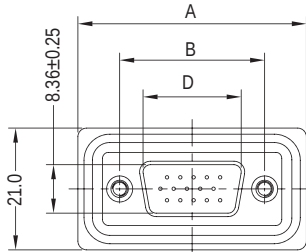
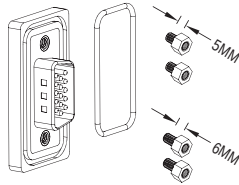


Material:

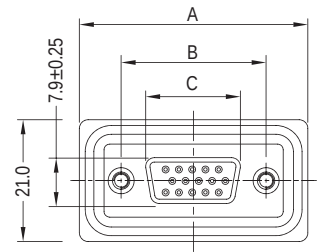
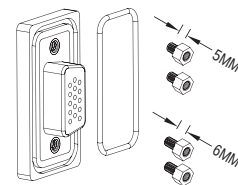
Waterproof Rating: IP67
Connector: Black, Nylon + GF
Pin: Copper Alloy, Gold plated
Applicable Wire Range: 24AWG - 28AWG
Operating Temperature: -40°C~+105°C

Electrical:

Current Rating: 5.0A
Insulation Resistance: >500MΩ min.
Dielectric Voltage: 500V AC / 1 minute



Male DSub



Female DSub

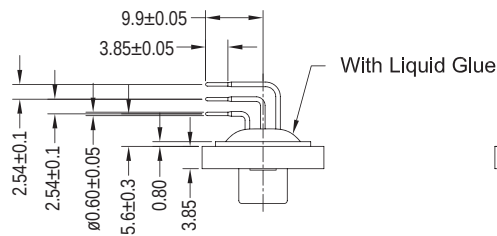
Unit: MM

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Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. D	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. C
A-HDS15PP-WP-R	15	Male	39.4	25.00	16.92	A-HDF09PP-WP-R	15	Female	39.4	25.00	16.33
A-HDS26PP-WP-R	26	Male	47.8	33.30	25.25	A-HDF15PP-WP-R	26	Female	47.8	33.30	24.66
A-HDS44PP-WP-R	44	Male	64.5	47.00	38.96	A-HDF25PP-WP-R	44	Female	64.5	47.00	38.38

High Density Waterproof DSub Connector - Right Angled, for PCB mount, 15-44 contacts

Fiber-Optic
Power Cords
Wire to Board

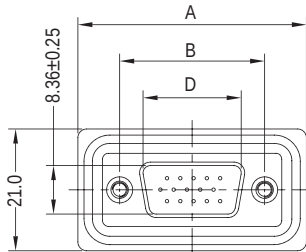
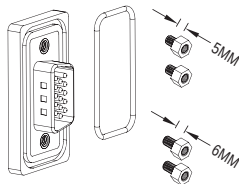


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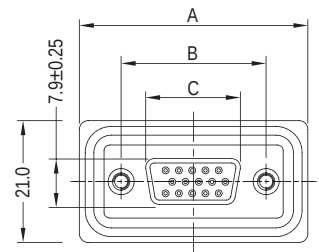
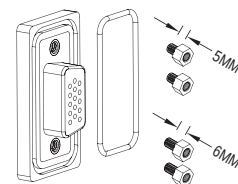
Waterproof Rating: IP67
Connector: Black, Nylon + GF
Pin: Copper Alloy, Gold plated
Applicable Wire Range: 24AWG - 28AWG
Operating Temperature: -40°C~+105°C

Electrical:

Current Rating: 5.0A
Insulation Resistance: >500MΩ min.
Dielectric Voltage: 500V AC / 1 minute



Male DSub



Female DSub

Unit: MM

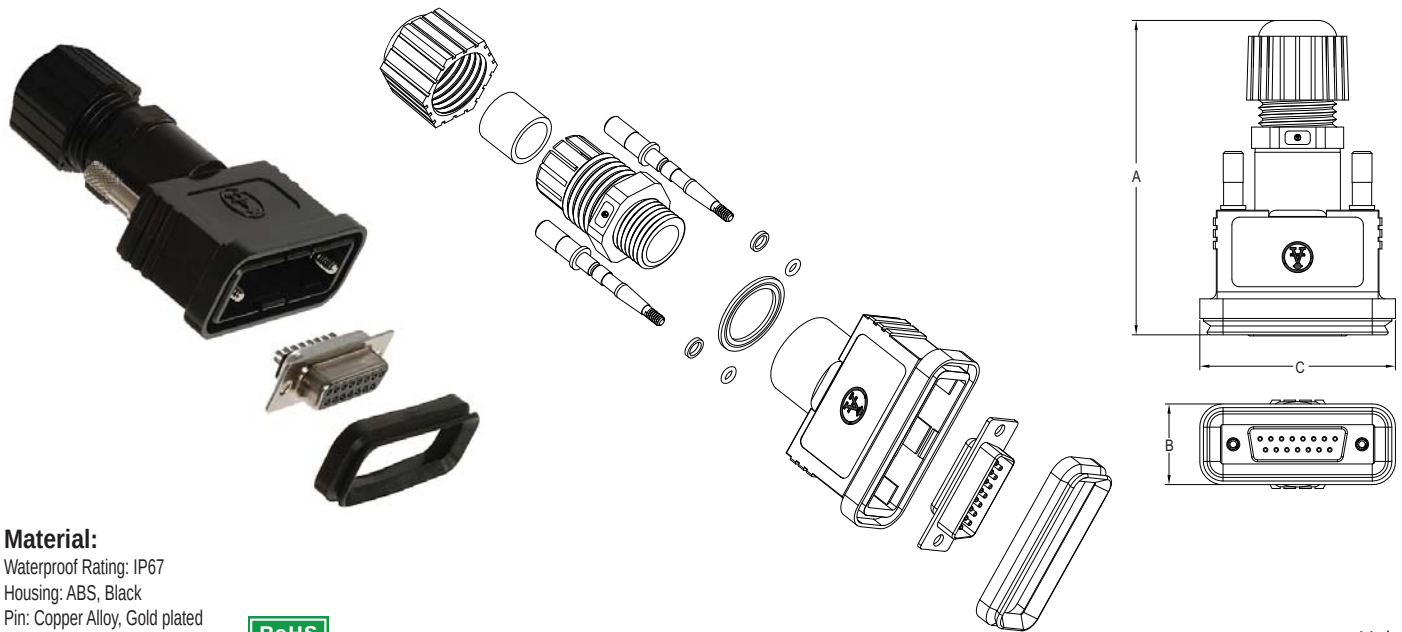
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Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. D	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. C
A-HDS15AA-WP-R	15	Male	39.4	25.00	16.92	A-HDF15AA-WP-R	15	Female	39.4	25.00	16.33
A-HDS26AA-WP-R	26	Male	47.8	33.30	25.25	A-HDF26AA-WP-R	26	Female	47.8	33.30	24.66
A-HDS44AA-WP-R	44	Male	64.5	47.00	38.96	A-HDF44AA-WP-R	44	Female	64.5	47.00	38.38

SATA &
eSATA
FFC/FC
MiniDIN &
Audio

KVM Cables

Waterproof Backshell w/DSub Standard Connector, ABS plastic, 9-25 contacts



Material:

Waterproof Rating: IP67
Housing: ABS, Black
Pin: Copper Alloy, Gold plated
Seals for Cable: $\varnothing 6.0\text{MM} \sim \varnothing 10.0\text{MM}$

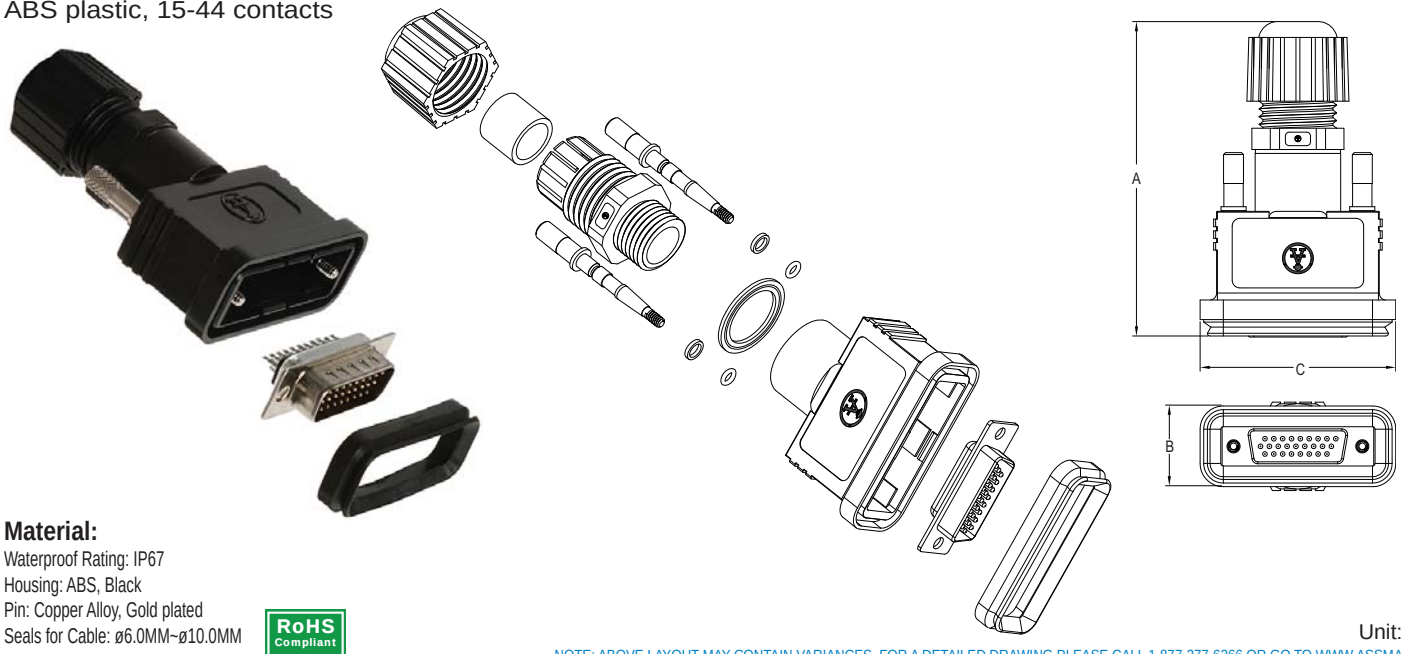


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Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. C	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. D
A-DS09-HOOD-WP-R	9	Male	66.7	20.9	42.4	A-DF09-HOOD-WP-R	9	Female	66.7	20.9	42.4
A-DS15-HOOD-WP-R	15	Male	82.5	20.9	50.6	A-DF15-HOOD-WP-R	15	Female	82.5	20.9	50.6
A-DS25-HOOD-WP-R	25	Male	92.0	21.0	64.5	A-DF25-HOOD-WP-R	25	Female	92.0	21.0	64.5

Waterproof Backshell w/High Density DSub Standard Connector, ABS plastic, 15-44 contacts

ABS plastic, 15-44 contacts



Material:

Waterproof Rating: IP67
Housing: ABS, Black
Pin: Copper Alloy, Gold plated
Seals for Cable: $\varnothing 6.0\text{MM} \sim \varnothing 10.0\text{MM}$

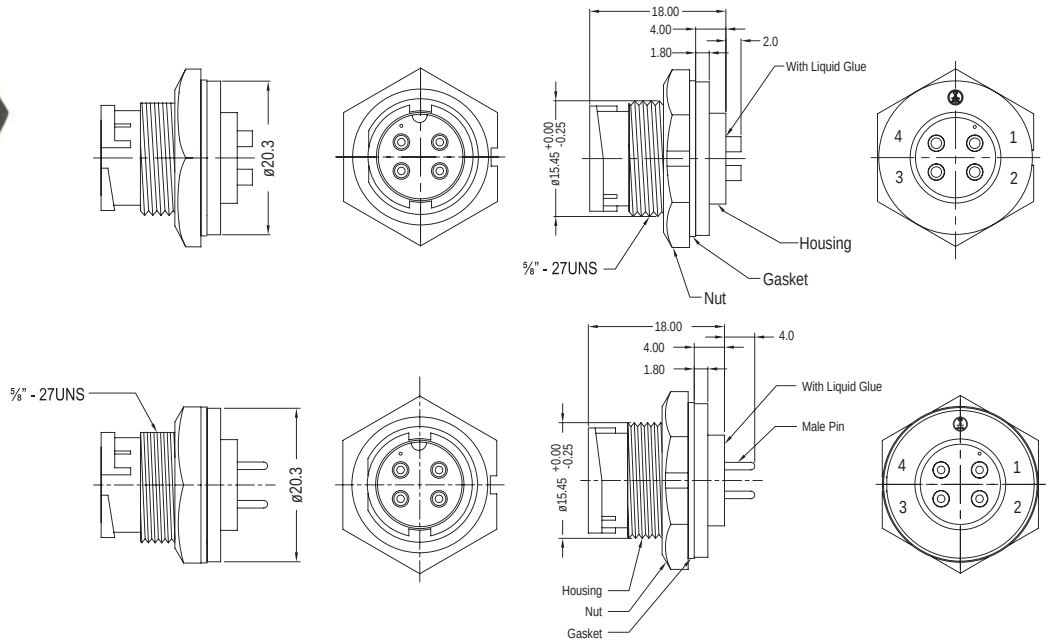


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Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. C	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Dim. A	Dim. B	Dim. D
A-HDS15-HOOD-WP-R	15	Male	66.7	20.9	42.4	A-HDF15-HOOD-WP-R	15	Female	66.7	20.9	42.4
A-HDS26-HOOD-WP-R	26	Male	82.5	20.9	50.6	A-HDF26-HOOD-WP-R	26	Female	82.5	20.9	50.6
A-HDS44-HOOD-WP-R	44	Male	92.0	21.0	64.5	A-HDF44-HOOD-WP-R	44	Female	92.0	21.0	64.5

Waterproof Circular Connector - Panel Mount, Solder cup and PCB type, 4 & 5 contacts

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin
Centronics



Material:

Waterproof Rating: IP67
Housing: Nylon+GF, Black
Male Pin: Copper Alloy, Gold plated
Nut: Nylon+GF, Black
Gasket: EPDM, Black
Maximum Panel Thickness: 4.0MM



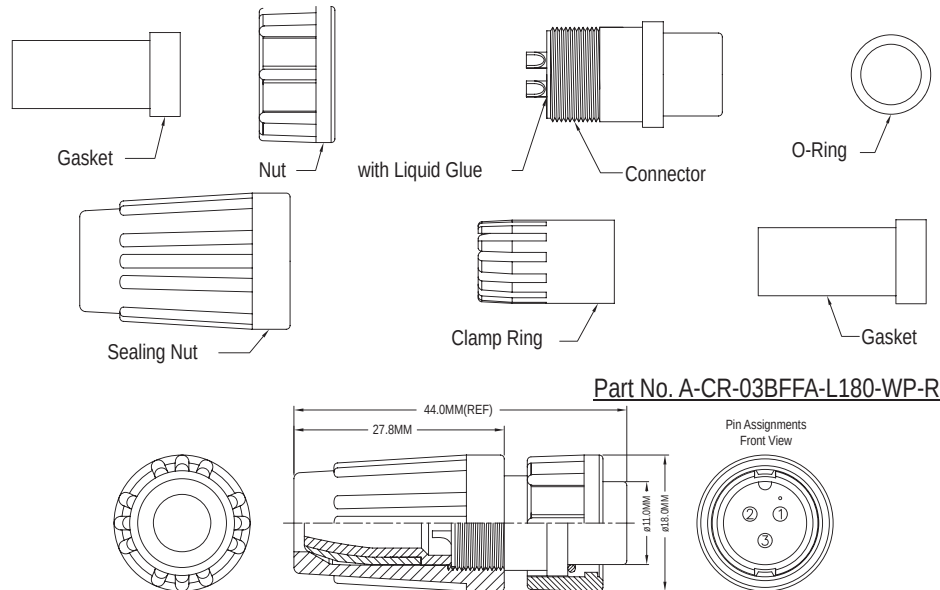
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Unit: MM

Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Amp	Type	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Amp	Type
A-CR-03PMMS-LC-WP-R	3	Male	5.0	Solder Cup	A-CR-03PMMP-LC-WP-R	3	Male	5.0	PCB
A-CR-04PMMS-LC-WP-R	4	Male	5.0	Solder Cup	A-CR-04PMMP-LC-WP-R	4	Male	5.0	PCB
A-CR-05PMMS-LC-WP-R	5	Male	5.0	Solder Cup	A-CR-05PMMP-LC-WP-R	5	Male	5.0	PCB

Waterproof Circular Connector - Assembly type, Solder cup type, 3,4 & 5 contacts

Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FPC
MiniDIN &
Audio
KVM Cables



Material:

Waterproof Rating: IP66
Connector: Nylon+GF, Black
Pin: Copper Alloy, Gold plated

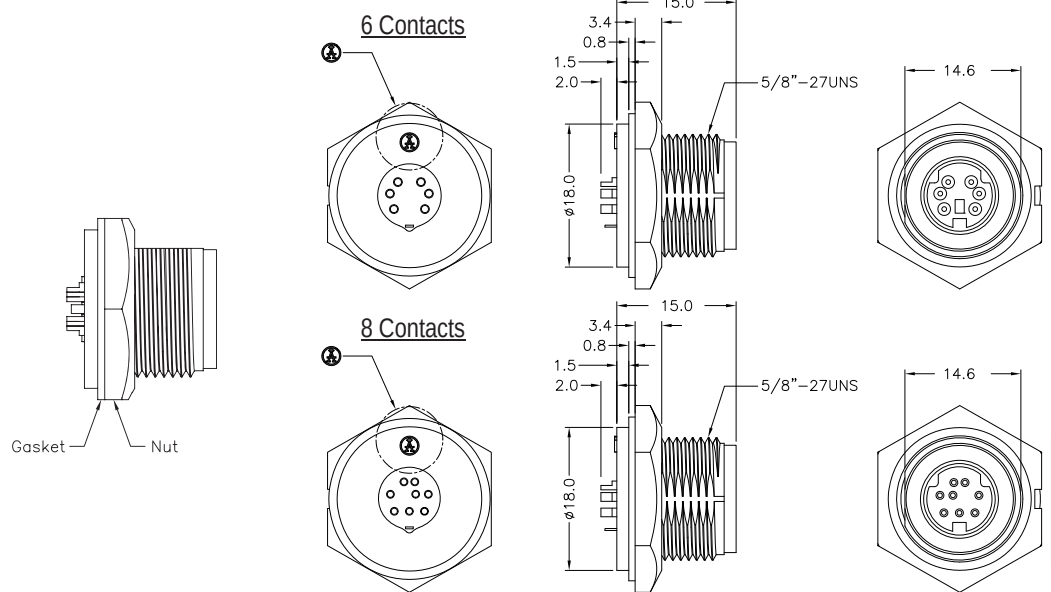


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Unit: MM

Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Amp	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Amp
A-CR-03BMMA-L180-WP-R	3	Male	5.0	A-CR-03BFFA-L180-WP-R	3	Female	5.0
A-CR-04BMMA-L180-WP-R	4	Male	5.0	A-CR-04BFFA-L180-WP-R	4	Female	5.0
A-CR-05BMMA-L180-WP-R	5	Male	5.0	A-CR-05BFFA-L180-WP-R	5	Female	5.0

Waterproof Mini DIN Connector - Panel Mount, 6 & 8 contacts



Material:

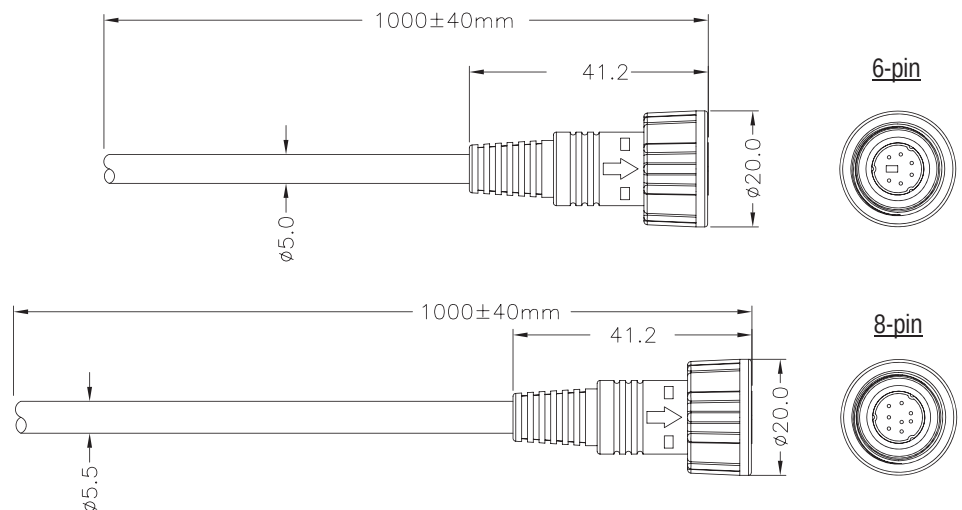
Waterproof Rating: IP67
Connector: Mini DIN 6-pin Female
Nut: Nylon+GF
Gasket: EPDM
Maximum Panel Thickness: 4.0MM



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Contacts	Gender
A-MD-06PMFS-WP-R	6	Female
A-MD-08PMFS-WP-R	8	Female

Waterproof Mini DIN Cable Assembly, Male to Open end, 6-pin & 8-pin



Material:

Waterproof Rating: IP67
Connector: Mini DIN plug
Cable: UL2464 26AWG*8C+D+T, Black

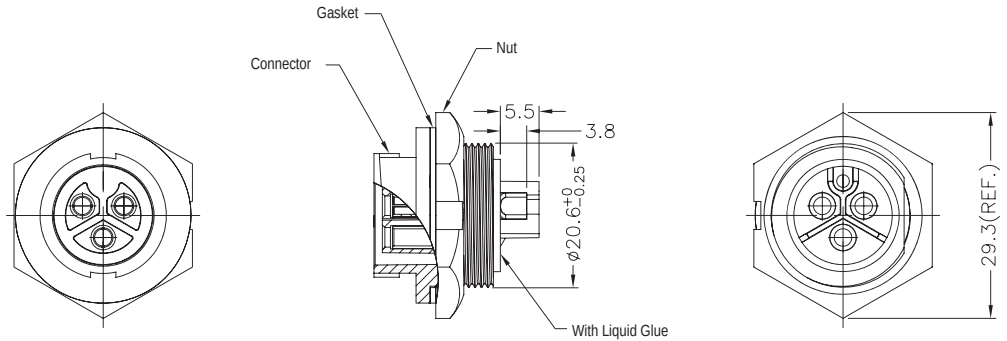


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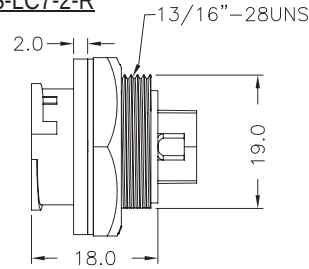
Assmann Part Number (Standard Stocking Item)	Pin	Gender
A-KMD-06AFMM-WP-R	6	Male
A-KMD-08AFMM-WP-R	8	Male

Waterproof Power Connector - Panel Mount, Solder cup type, 4 & 7 contacts

USB & IEEE
IDC &
Flat Ribbon
IC, PLCC, Pin
& Jumpers
DSUB &
Centronics



Part No. A-P03RMFS-LC7-2-R



Material:

Waterproof Rating: IP67
Connector: Nylon+GF, Black
Pin: Copper Alloy, Gold plated
Gasket: Silicon
Maximum Panel Thickness: 4.5MM
UL94V-0 Materials used



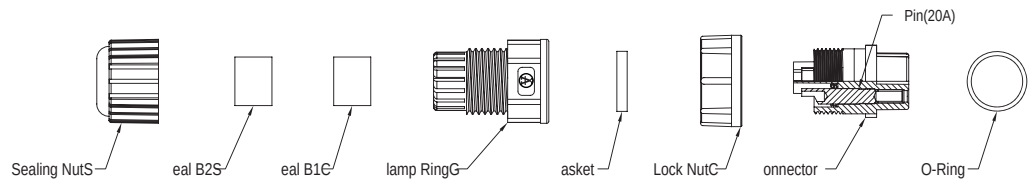
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Unit: MM

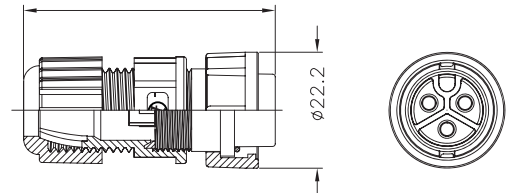
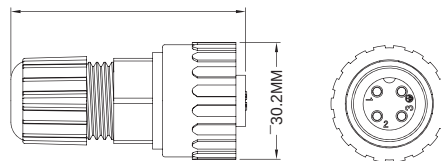
Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Amp	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Amp
A-P03RMMS-LC7-2-R	3	Male	20.0	A-P03RMFS-LC7-2-R	3	Female	20.0
A-P04PMMS-SC-WP-R	4	Male	12.0	A-P04PFFS-SC-WP-R	4	Female	12.0
A-P07PMMS-SC-WP-R	7	Male	8.0	A-P04PFFS-SC-WP-R	7	Female	8.0

Waterproof Power Connector - Assembly type, Solder cup type, 3,4 & 7 contacts

Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FFC
MiniDIN &
Audio
KVM Cables



Part No. A-P04BMMA-S180-WP-1-R



Part No. A-P03BFFA-LL7-1-R

Material:

Waterproof Rating: IP67
Housing, Clamp Ring, & Nut: Nylon+GF, Black
Pin: Copper Alloy, Gold plated
O-Ring: Silicon, Grey
Gasket: Silicon
Set unassembled in one PE bag

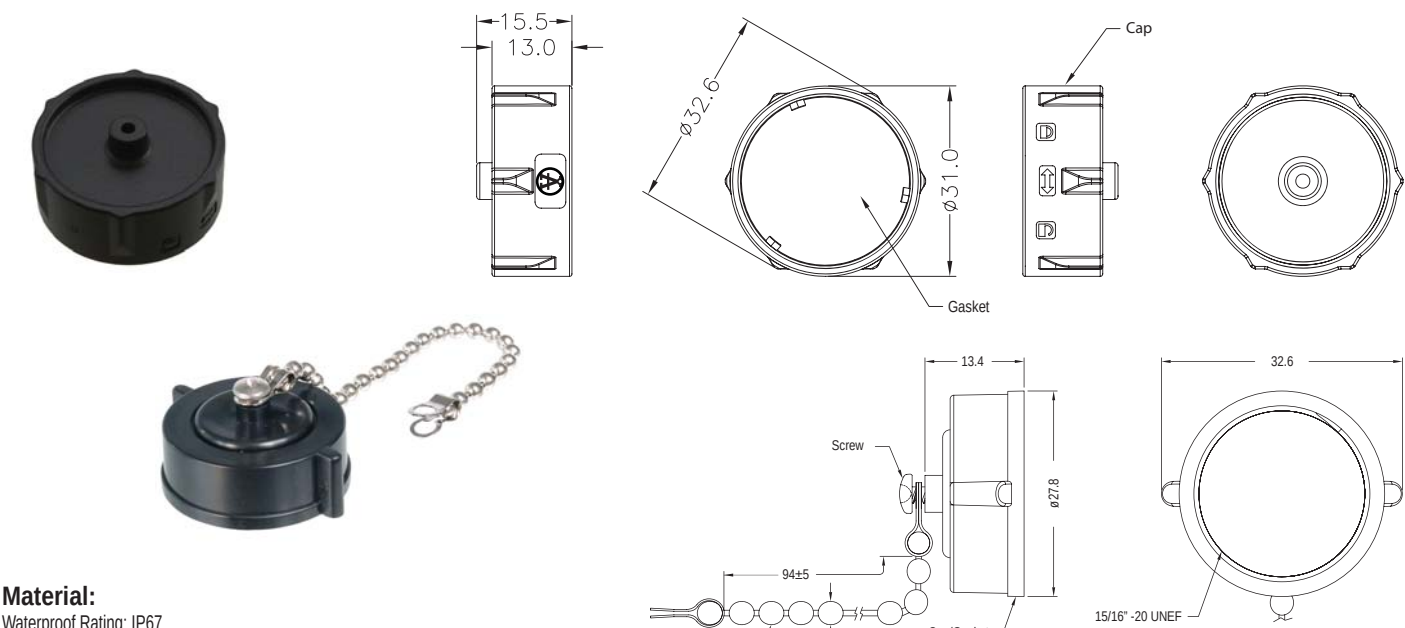


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Unit: MM

Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Amp	Assmann Part Number (Standard Stocking Item)	Contacts	Gender	Amp
A-P03BFMA-LL7-1-R	3	Male	12.0	A-P03BFFA-LL7-1-R	3	Female	12.0
A-P04BMMA-S180-WP-R	4	Male	12.0	A-P04BFFA-S180-WP-R	4	Female	12.0
A-P07BMMA-S180-WP-R	7	Male	8.0	A-P07BFFA-S180-WP-R	7	Female	8.0

Waterproof Connector Cover



Material:
Waterproof Rating: IP67
Housing: PPO/Nylon+30%GF, Black
Gasket: Silicone, UL94V-0 Grey/EPDM Black



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	O.D. MM	Thread	UNS	Assmann Part Number (Standard Stocking Item)	O.D. MM	Thread	UNS
A-WP-COVER1-R	32.8	Course 5/16"	27	A-FB-CAP-WFBPFLA-1-R	31.0	5/16" Slot Locking	
A-WP-COVER2-R	25.4	Fine 13/16"	28				

USB & IEEE
IDC & Flat Ribbon
IC, PLCC, Pin & Jumpers
DSub & Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA & eSATA
FFC/FPC
MiniDIN & Audio
KVM Cables

Waterproof Cat5e Cable, Open End 1 Meter

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLC, Pin
DSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

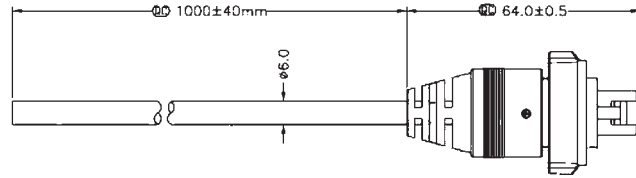
Wire to Board

SATA &
eSATA

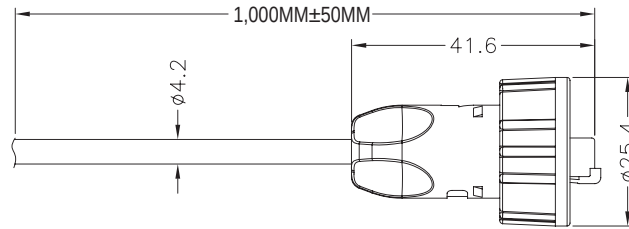
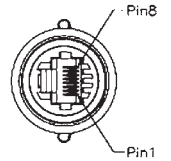
FFC/FFC

MiniDIN &
Audio

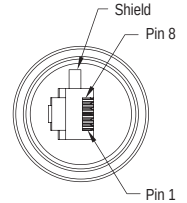
KVM Cables



FTP Type



UTP Type



Material:

Waterproof Rating: IP67
Plug: 8P/8C Gold plated
Cable: Cat5e 24AWG 4-pair
Connector: Black, Nylon+GF
Housing: Black ABS Plastic

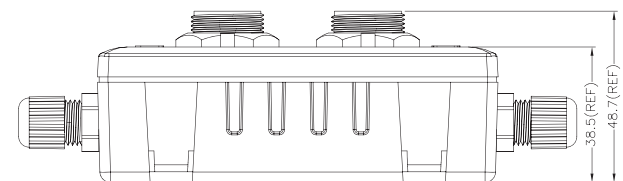
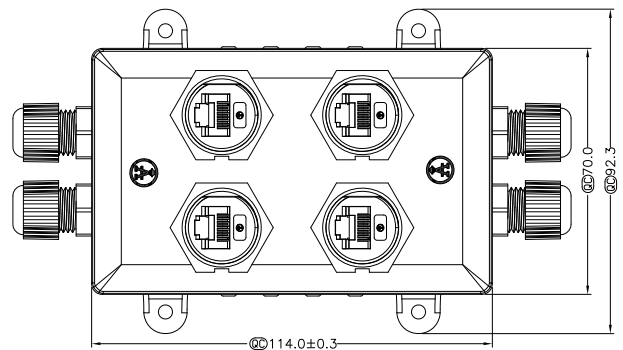
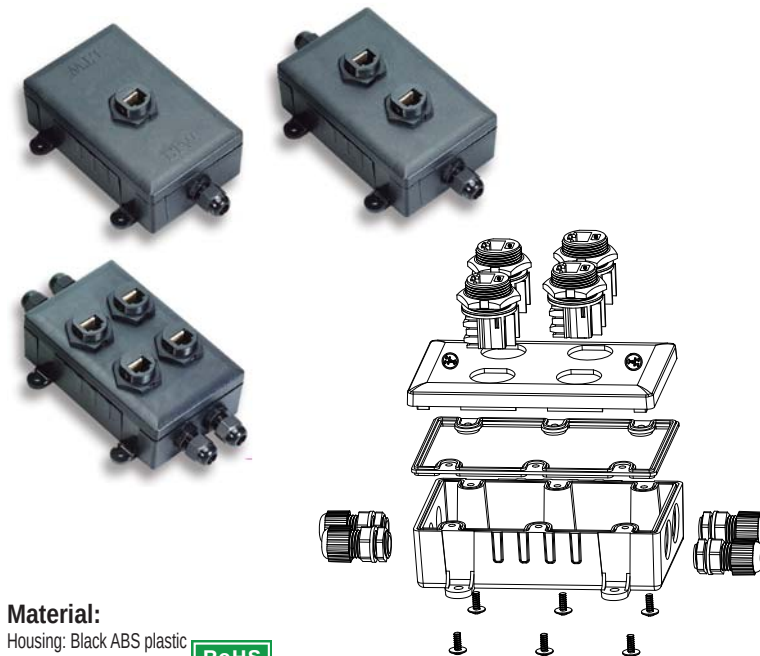


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Plug	Shielding
A-KAB-RJ45-4S-1M-R	8P/8C	FTP
A-KAB-RJ45-4U-1M-R	8P/8C	UTP

Waterproof Adapter Box, 1, 2 & 4 ports



Material:

Housing: Black ABS plastic
Contacts: Gold plating

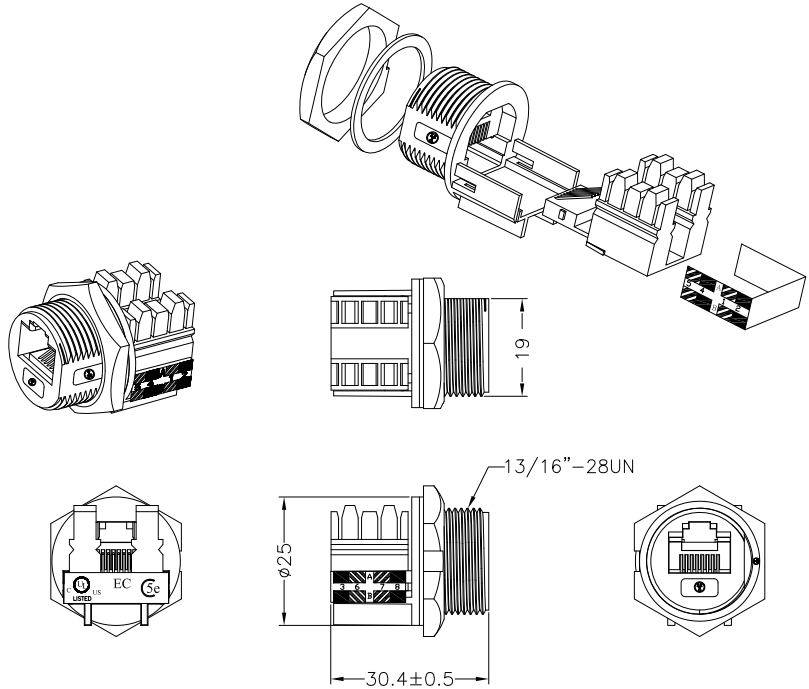


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Ports	Waterproof Rating	Assmann Part Number (Standard Stocking Item)	Ports	Waterproof Rating
A-RJ45-BOX-1-R	1	IP67	A-RJ45-BOX-4-R	4	IP67
A-RJ45-BOX-2-R	2	IP67			

Waterproof Modular Panel Mount Jack - Punch type w/nut



Material:

Waterproof Rating: IP67
Connector: Black, ABS plastic
Housing: Black, ABS plastic
Contacts: Gold plating

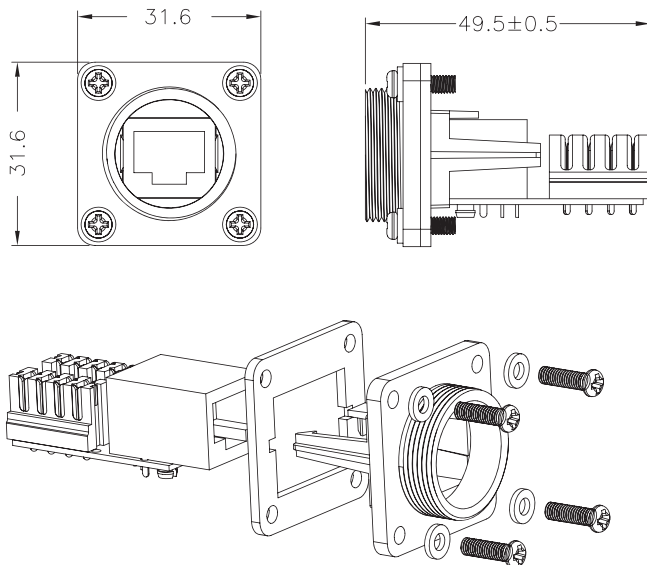


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Plug	Shielded
A-RJ45KU-R	8P/8C	No

Waterproof Modular Panel Mount Jack - Keystone to Punch type



Material:

Waterproof Rating: IP67
Connector: Black, ABS plastic
Housing: Black, ABS plastic
Contacts: Gold plating



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Plug	Shielded
A-RJ45KS-R	8P/8C	No

Waterproof Modular Panel Mount Jack - Keystone to Keystone

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin
DSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

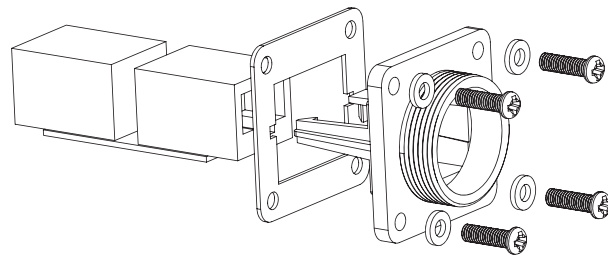
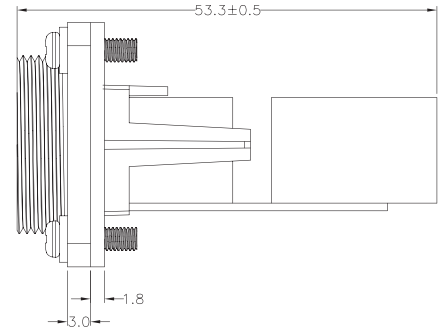
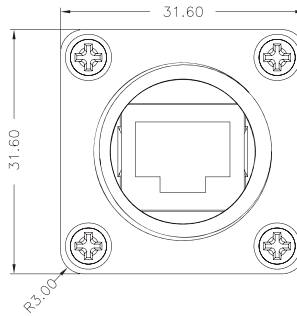
Wire to Board

SATA &
eSATA

FFC/FPC

MiniDIN &
Audio

KVM
Cables



Material:

Waterproof Rating: IP67
Connector: Black, ABS plastic
Housing: Black, ABS plastic
Contacts: Gold plating



Unit: MM
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Plug	Shielded
A-RJ45GFS-R	8P/8C	Yes

Waterproof Modular Panel Mount Jack - Keystone to PCB Mount

Fiber-Optic

Power Cords

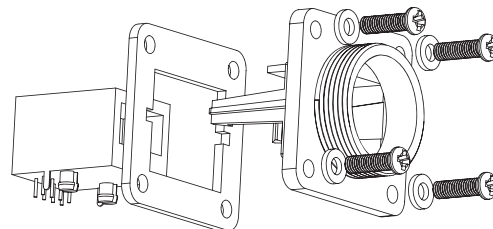
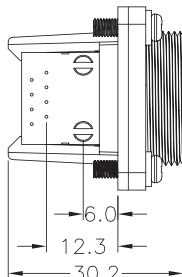
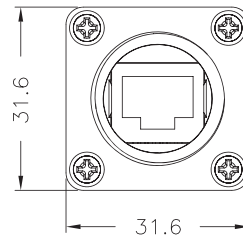
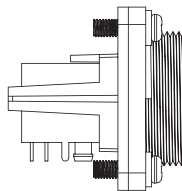
Wire to Board

SATA &
eSATA

FFC/FPC

MiniDIN &
Audio

KVM
Cables



Material:

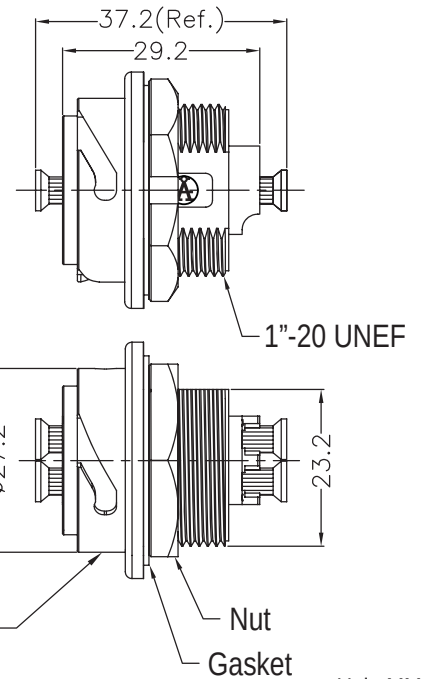
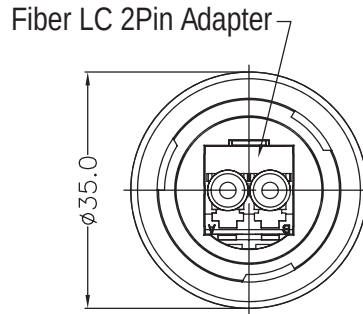
Waterproof Rating: IP67
Connector: Black, ABS plastic
Housing: Black, ABS plastic
Contacts: Gold plating



Unit: MM
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Plug	Shielded
A-RJ45DFR-R	8P/8C	No

Waterproof Fiber-Optic Panel Mount, 2-pin LC Adapter



Material:

Waterproof Rating: IP67
Nut: Nylon+GF UL94V-0, Black
Housing: PPO UL94V-0, Black
Gasket: Silicone UL94V-0, Grey
For Panel Thickness: 4.0MM Max.
Recommended Force: 8-10kg-cm

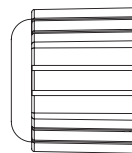


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Plug	Gender
A-FB-00RLFJ-LC7-1-R	LC 2P	Female

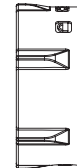
Waterproof Fiber-Optic - Assembly type, $\varnothing 2.8\text{MM}$ & $\varnothing 7.0\text{MM}$



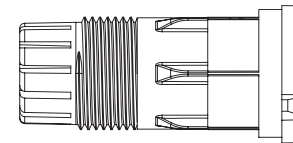
Seals Nut



Seals



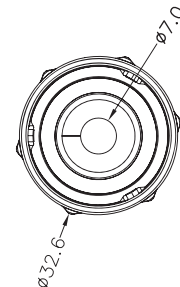
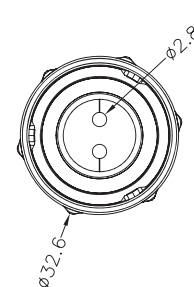
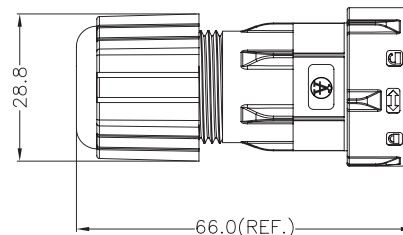
Bayonet Nut



Clamp Ring



Gasket



Material:

Waterproof Rating: IP67
Cable OD: $\varnothing 2.5$ - $\varnothing 2.8\text{MM}$ Max. / $\varnothing 4.5$ - $\varnothing 6.8\text{MM}$ Max.
Clamp Ring: PPO, UL94V-0, Black
Bayonet Nut: PPO, UL94V-0, Black
Sealing Nut: Nylon+GF, UL94V-0, Black
Seals: Silicone, UL94V-0, Grey
Gasket: Silicone, UL94V-0, Grey



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Diameter	Assmann Part Number (Standard Stocking Item)	Diameter
A-FB-00BLMA-LL1-R	$\varnothing 2.8\text{MM}$	A-FB-00BLMA-LL2-R	$\varnothing 7.0\text{MM}$

Waterproof USB Panel Mount - A type, Female, Version 2.0

USB & IEEE
IDC &
Flat Ribbon
IC, PLCC, Pin
& Jumpers
DSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

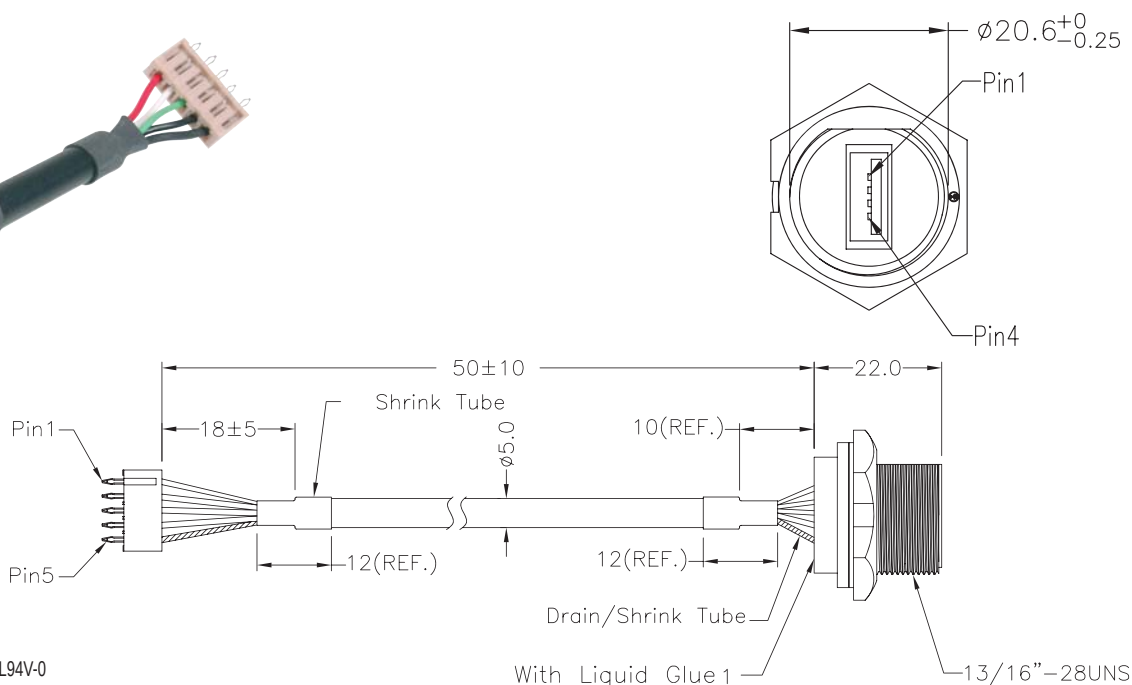
Power Cords
Wire to Board

SATA &
eSATA

FFC/FPC

MinidIN &
Audio

KVM Cables



Material:

Waterproof Rating: IP67
Connector: Black, ABS 94V-0
USB: USB-A Female Solder
Housing: JWT, 5-pin, PH=2.5MM, Nylon 66 UL94V-0
Cable: USB2.0 28AWG*1P+24AWG*2C+AL.My+D+B
UV Resistant, Black, OD=5.0MM



Unit: MM
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Plug	Gender
A-USB-APFS-R	USB A Type	Female

Waterproof USB Panel Mount - B type, Female, Version 2.0

Fiber-Optic

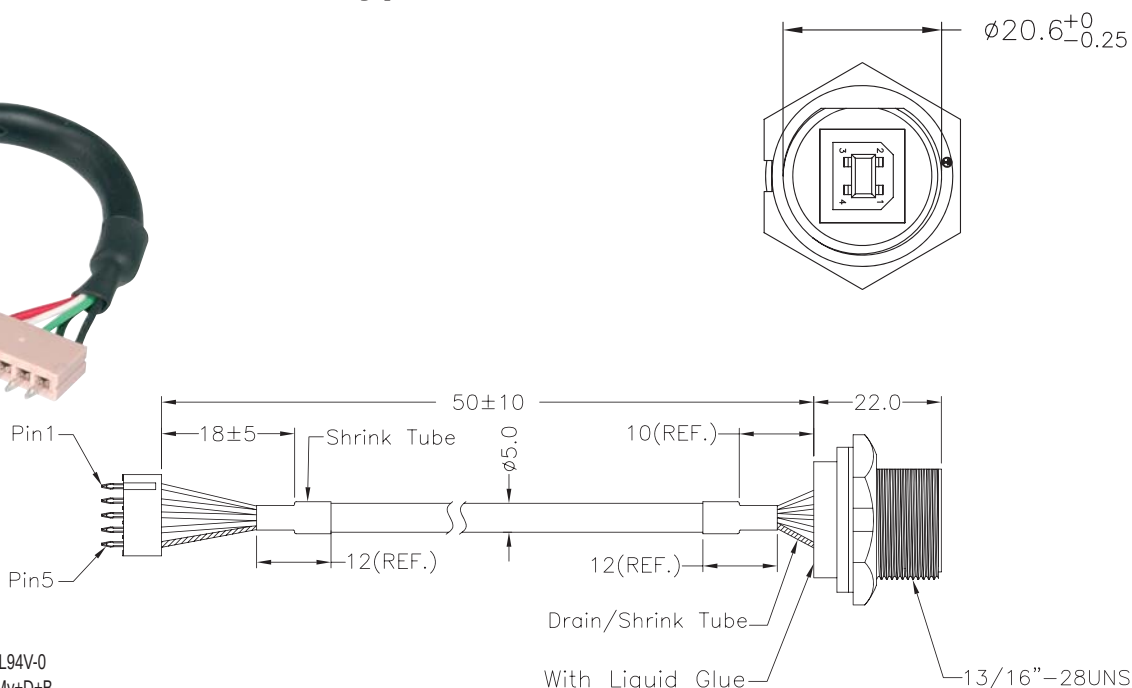
Power Cords
Wire to Board

SATA &
eSATA

FFC/FPC

MinidIN &
Audio

KVM Cables



Material:

Waterproof Rating: IP67
Connector: Black, ABS 94V-0
USB: USB-A Female Solder
Housing: JWT, 5-pin, PH=2.5MM, Nylon 66 UL94V-0
Cable: USB2.0 28AWG*1P+24AWG*2C+AL.My+D+B
UV Resistant, Black, OD=5.0MM



Unit: MM
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

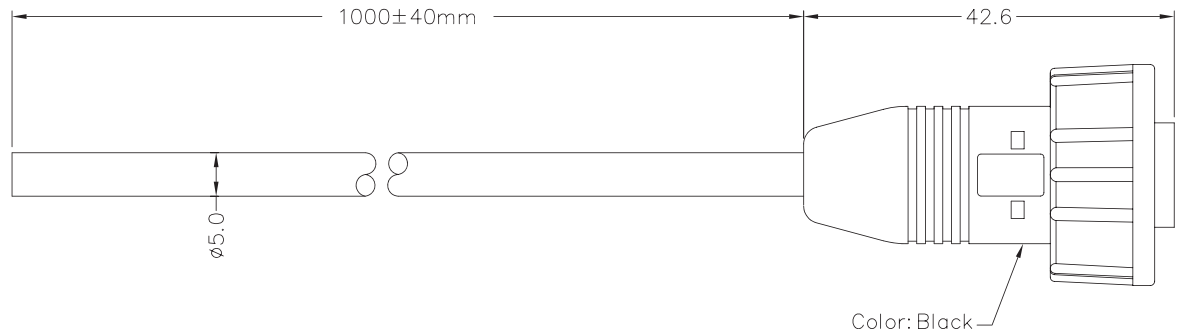
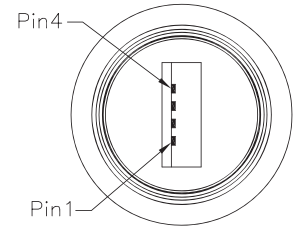
Assmann Part Number (Standard Stocking Item)	Plug	Gender
A-USB-BPFS-R	USB B Type	Female

Waterproof USB Cable Assembly - A type, Male to Open end, Version 2.0



Shield	Drain
4	BLACK (24AWG)
3	GREEN (28AWG)
2	WHITE (28AWG)
1	RED (24AWG)
Conn	Wire Color
Pin Out	

Twist Twist



Material:

Waterproof Rating: IP67
 Connector: Black, ABS
 USB: USB-A Male Solder
 Cable: USB2.0 28AWG*1P+24AWG*2C+AL.My+D+B
 UV Resistant, Black, OD=5.0MM



Unit: MM
 NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Plug	Gender
A-KAB-USBA-MS-1M-R	USB A Type	Male

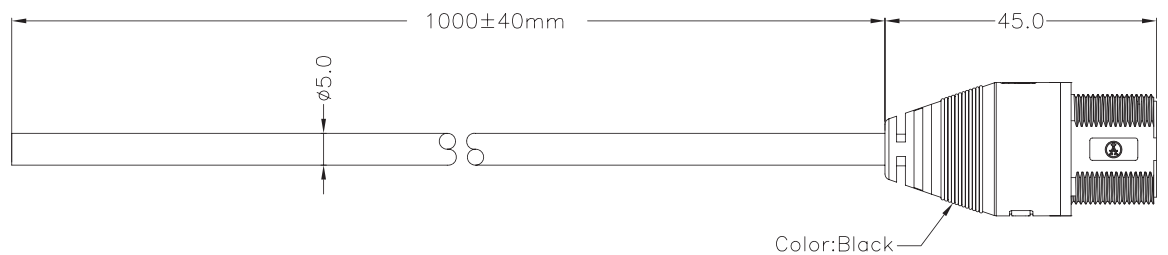
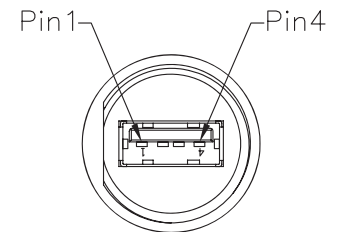
Waterproof USB Cable Assembly - A type, Female to Open end, Version 2.0

:: For Cable Extensions ::



Shield	Drain
4	BLACK (24AWG)
3	GREEN (28AWG)
2	WHITE (28AWG)
1	RED (24AWG)
Conn	Wire Color
Pin Out	

Twist Twist



Material:

Waterproof Rating: IP67
 Connector: Black, ABS
 USB: USB-A Female Solder
 Cable: USB2.0 28AWG*1P+24AWG*2C+AL.My+D+B
 UV Resistant, Black, OD=5.0MM



Unit: MM
 NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Assmann Part Number (Standard Stocking Item)	Plug	Gender
A-KAB-USBA-FS-1M-R	USB A Type	Female

:: For Cable Extensions ::

Waterproof USB Cable Assembly - B type, Male to Open end, Version 2.0

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin

DSUB &
Centronics

Waterproof

DVI & HDMI

Modular

Fiber-Optic

Power Cords

Wire to Board

SATA &
eSATA

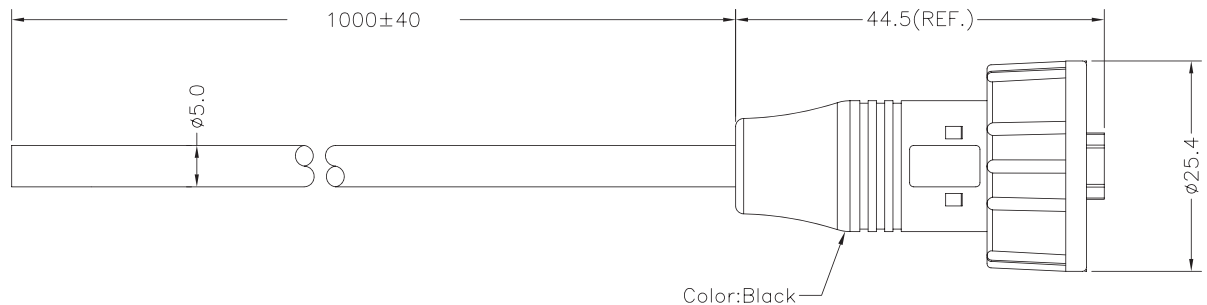
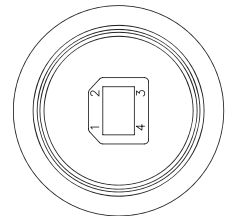
FFC/FPC

MiniDIN &
Audio

KVM Cables



Shield	Drain
4	BLACK (24AWG)
3	GREEN (28AWG)
2	WHITE (28AWG)
1	RED (24AWG)
Conn	Wire Color
Pin Out	



Material:

Waterproof Rating: IP67
Connector: Black, ABS
USB: USB-B Male type
Cable: USB2.0 28AWG*1P+24AWG*2C+AL.My+D+B
UV Resistant, Black, OD=5.0MM



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Plug	Gender
A-KAB-USBB-MS-1M-R	USB B Type	Male

Waterproof USB Cable Assembly - B type, Female to Open end, Version 2.0

:: For Cable Extensions ::

Power Cords

SATA &
eSATA

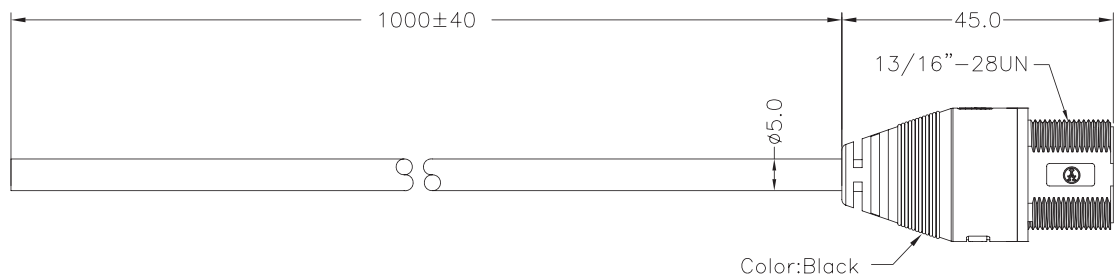
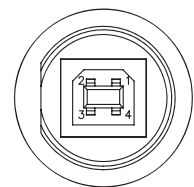
FFC/FPC

MiniDIN &
Audio

KVM Cables



Shield	Drain
4	BLACK (24AWG)
3	GREEN (28AWG)
2	WHITE (28AWG)
1	RED (24AWG)
Conn	Wire Color
Pin Out	



Material:

Waterproof Rating: IP67
Connector: Black, ABS
USB: USB-B Female Solder
Cable: USB2.0 28AWG*1P+24AWG*2C+AL+D+B
UV Resistant, Black, OD=5.0MM



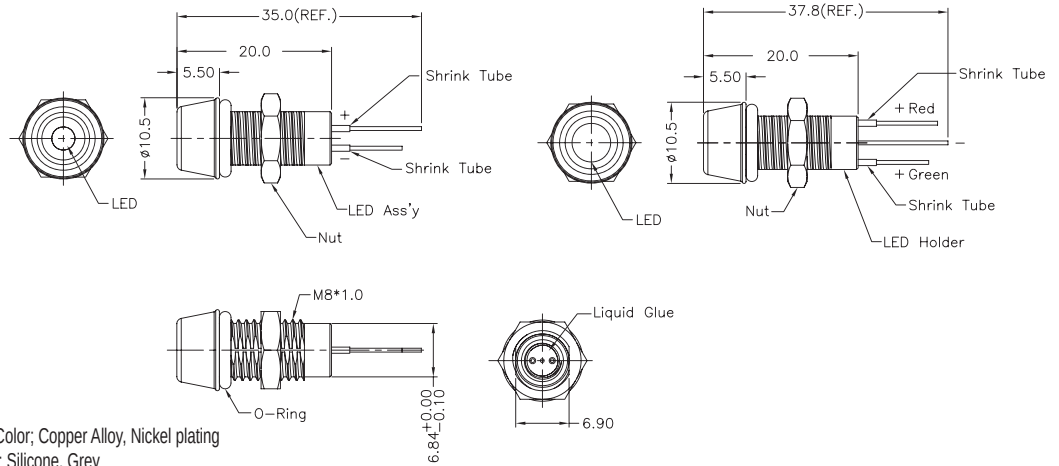
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	Plug	Gender
A-KAB-USBB-FS-1M-R	USB B Type	Female

:: For Cable Extensions ::

Waterproof LED - Metal housing Solder type, ø3.0MM & ø5.0MM, Single & Dual color



Material:

Waterproof Rating: IP67

LED Holder: Single Color; Brass, Nickel plating / Dual Color; Copper Alloy, Nickel plating

Gasket/O-ring: Single Color; EPDM, Black / Dual Color; Silicone, Grey

Screw Nut: Single Color; Brass, Nickel plating/ Dual Color; Copper Alloy, Nickel plating

Panel Thickness: 6.5MM Max.

Operating Temperature: Single Color; -40°C~+80°C / Dual Color; -30°C~+80°C

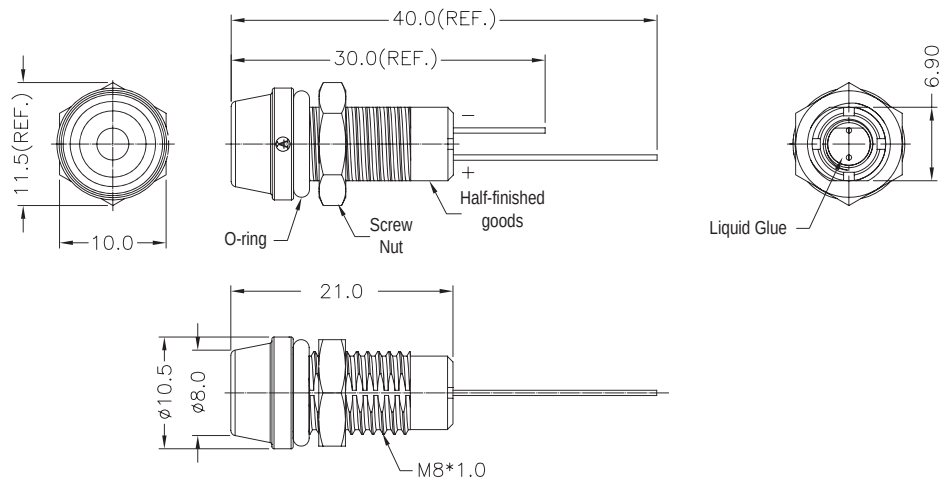


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

Assmann Part Number (Standard Stocking Item)	LED Diameter	Color	Assmann Part Number (Standard Stocking Item)	LED Diameter	Color	Assmann Part Number (Standard Stocking Item)	LED Diameter	Color
A-LED8-1BAAS-MR7-1-R	ø3.0MM	Blue	A-LED8-1BBAS-MR7-1-R	ø5.0MM	Blue	A-LED8-1BAAS-MR7-1-R	ø3.0MM	Red/Green
A-LED8-1GAAS-MR7-1-R	ø3.0MM	Green	A-LED8-1GBAS-MR7-1-R	ø5.0MM	Green	A-LED8-1ABAS-MR7-1-R	ø5.0MM	Red/Green
A-LED8-1RAAS-MR7-1-R	ø3.0MM	Red	A-LED8-1RBAS-MR7-1-R	ø5.0MM	Red			
A-LED8-1WAAS-MR7-1-R	ø3.0MM	White	A-LED8-1WBAS-MR7-1-R	ø5.0MM	White			
A-LED8-1YAAS-MR7-1-R	ø3.0MM	Yellow	A-LED8-1YBAS-MR7-1-R	ø5.0MM	Yellow			

Waterproof LED - Plastic housing Solder type, ø3.0MM, Single color



Material:

Waterproof Rating: IP67

LED Holder: PC+ABS, Black

O-ring: EPDM, Black

Screw Nut: Nylon+GF

Panel Thickness: 6.5MM Max.

Operating Temperature: -40°C~+80°C



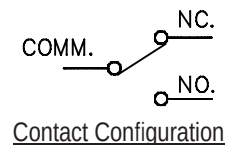
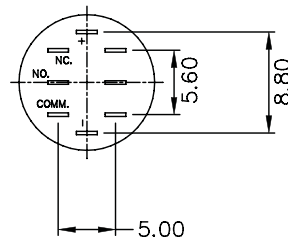
NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

Unit: MM

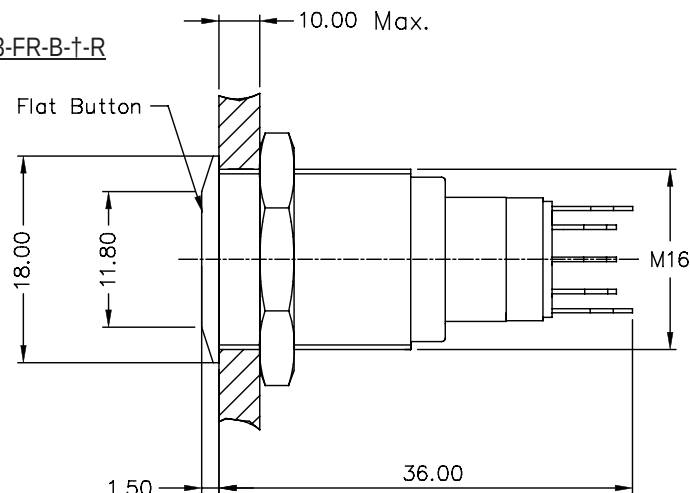
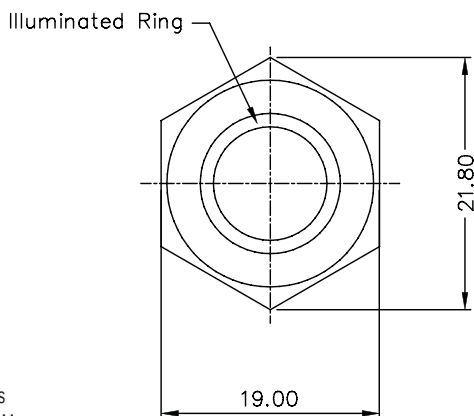
Assmann Part Number (Standard Stocking Item)	LED Diameter	Color	Assmann Part Number (Standard Stocking Item)	LED Diameter	Color
A-LED8-1BAAS-PR7-1-R	ø3.0MM	Blue	A-LED8-1WAAS-PR7-1-R	ø3.0MM	White
A-LED8-1GAAS-PR7-1-R	ø3.0MM	Green	A-LED8-1YAAS-PR7-1-R	ø3.0MM	Yellow
A-LED8-1RAAS-PR7-1-R	ø3.0MM	Red			

Waterproof Anti Vandal Pushbutton switch - Metal Illuminated

USB & IEEE
IDC &
Flat Ribbon
& Jumper
IC, PLCC, Pin
DSUB &
Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA &
eSATA
FFC/FPC
MiniDIN &
Audio
KVM Cables



Part No. A-AV02L-B3-M3-FR-B-t-R



Material:

Electrical Life: 50,000 cycles
Contact Resistance: 50mΩ Max.
Insulation Resistance: 1,000MΩ Min. @500V DC
Dielectric Strength: 2,000 RMS 50-60Hz
Torque: 5-14Nm Max. applied to nut

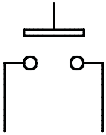


NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

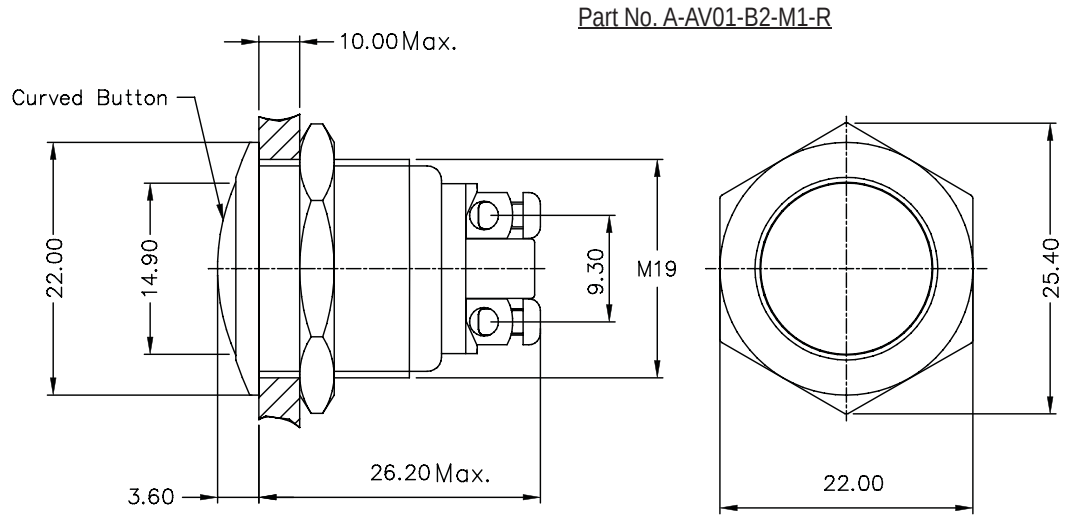
Unit: MM

Assmann Part Number (Standard Stocking Item)	Type	Bushing	Termination	Button Type	Waterproof Rating	x1 - LED Button Illuminated color R = Red G = Green Y = Yellow O = Orange B = Blue W = White K = Black x2 - LED Voltage & Consumption 6V = 6V/15mA 12V = 12V/15mA 24V = 24V/15mA 36V = 36V/15mA 110V = 110V/5mA 220V = 220V/5mA
A-AV02L-B02-M3-FD-x1-x2-R	SPDT, ON/MOM	ø25MM, Stainless Steel	Quick Connect	Flat, Illuminated Dot	IP65	
A-AV03L-B02-M3-FD-x1-x2-R	SPDT, ON/ON	ø25MM, Stainless Steel	Quick Connect	Flat, Illuminated Dot	IP65	
A-AV02L-B02-M3-FR-x1-x2-R	SPDT, ON/MOM	ø25MM, Stainless Steel	Quick Connect	Flat, Illuminated Ring	IP65	
A-AV03L-B02-M3-FR-x1-x2-R	SPDT, ON/ON	ø25MM, Stainless Steel	Quick Connect	Flat, Illuminated Ring	IP65	
A-AV02L-B12-M3-FD-x1-x2-R	SPDT, ON/MOM	ø22MM, Stainless Steel	Quick Connect	Flat, Illuminated Dot	IP65	
A-AV03L-B12-M3-FD-x1-x2-R	SPDT, ON/ON	ø22MM, Stainless Steel	Quick Connect	Flat, Illuminated Dot	IP65	
A-AV02L-B12-M3-FR-x1-x2-R	SPDT, ON/MOM	ø22MM, Stainless Steel	Quick Connect	Flat, Illuminated Ring	IP65	
A-AV03L-B12-M3-FR-x1-x2-R	SPDT, ON/ON	ø22MM, Stainless Steel	Quick Connect	Flat, Illuminated Ring	IP65	
A-AV02L-B22-M3-FD-x1-x2-R	SPDT, ON/MOM	ø19MM, Stainless Steel	Quick Connect	Flat, Illuminated Dot	IP65	
A-AV02L-B22-M3-FR-x1-x2-R	SPDT, ON/MOM	ø19MM, Stainless Steel	Quick Connect	Flat, Illuminated Ring	IP65	
A-AV02L-B22-M3-FD-x1-x2-LO-R	SPDT, ON/MOM	ø19MM, Stainless Steel	Quick Connect	Flat, Illuminated Dot	IP67	*for Long Case Model only
A-AV03L-B22-M3-FD-x1-x2-LO-R	SPDT, ON/ON	ø19MM, Stainless Steel	Quick Connect	Flat, Illuminated Dot	IP67	*for Long Case Model only
A-AV02L-B22-M3-FR-x1-x2-LO-R	SPDT, ON/MOM	ø19MM, Stainless Steel	Quick Connect	Flat, Illuminated Ring	IP67	*for Long Case Model only
A-AV03L-B22-M3-FR-x1-x2-LO-R	SPDT, ON/ON	ø19MM, Stainless Steel	Quick Connect	Flat, Illuminated Ring	IP67	*for Long Case Model only
A-AV02L-B3-M3-FD-x1-x2-R	SPDT, ON/MOM	ø16MM, Nickel plated	Quick Connect	Flat, Illuminated Dot	IP67	
A-AV02L-B3-M3-FR-x1-x2-R	SPDT, ON/MOM	ø16MM, Nickel plated	Quick Connect	Flat, Illuminated Ring	IP67	
A-AV02L-B3-M3-RD-x1-x2-R	SPDT, ON/MOM	ø16MM, Nickel plated	Quick Connect	Raised, Illuminated Dot	IP67	
A-AV02L-B3-M3-RR-x1-x2-R	SPDT, ON/MOM	ø16MM, Nickel plated	Quick Connect	Raised, Illuminated Ring	IP67	
A-AV03L-B3-M3-FD-x1-x2-R	SPDT, ON/ON	ø16MM, Nickel plated	Quick Connect	Flat, Illuminated Dot	IP67	
A-AV03L-B3-M3-FR-x1-x2-R	SPDT, ON/ON	ø16MM, Nickel plated	Quick Connect	Flat, Illuminated Ring	IP67	
A-AV03L-B3-M3-RD-x1-x2-R	SPDT, ON/ON	ø16MM, Nickel plated	Quick Connect	Raised, Illuminated Dot	IP67	
A-AV03L-B3-M3-RR-x1-x2-R	SPDT, ON/ON	ø16MM, Nickel plated	Quick Connect	Raised, Illuminated Ring	IP67	

Waterproof Anti Vandal Pushbutton switch - Metal Non Illuminated



Contact Configuration



Part No. A-AV01-B2-M1-R

Material:

Contact Resistance: 50MΩ Max.
Insulation Resistance: 1,000MΩ Min. @500V DC
Dielectric Strength: 2,000 RMS 50-60Hz
Torque: 5-14Nm Max. applied to nut



NOTE: ABOVE LAYOUT MAY CONTAIN VARIANCES. FOR A DETAILED DRAWING PLEASE CALL 1-877-277-6266 OR GO TO WWW.ASSMANN.US

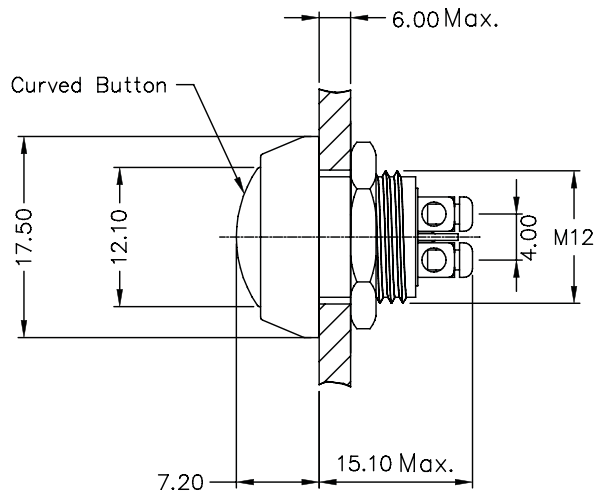
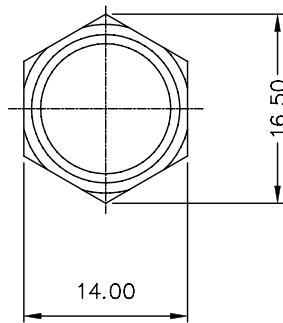
Assmann Part Number (Standard Stocking Item)	Type	Bushing	Termination	Button Type	Waterproof Rating
A-AV01-B2-M1-R	SPST, OFF/MOM	ø19MM, Nickel plated	Solder Lug	Curved Button	IP65
A-AV01-B2-M1-F-R	SPST, OFF/MOM	ø19MM, Nickel plated	Solder Lug	Flat Button	IP65
A-AV01-B2-M1-R-R	SPST, OFF/MOM	ø19MM, Nickel plated	Solder Lug	Raised Button	IP65
A-AV01-B2-M3-R	SPST, OFF/MOM	ø19MM, Nickel plated	Quick Connect	Curved Button	IP65
A-AV01-B2-M3-F-R	SPST, OFF/MOM	ø19MM, Nickel plated	Quick Connect	Flat Button	IP65
A-AV01-B2-M3-R-R	SPST, OFF/MOM	ø19MM, Nickel plated	Quick Connect	Raised Button	IP65
A-AV01-B3-M1-R	SPST, OFF/MOM	ø16MM, Nickel plated	Solder Lug	Curved Button	IP65
A-AV01-B3-M1-F-R	SPST, OFF/MOM	ø16MM, Nickel plated	Solder Lug	Flat Button	IP65
A-AV01-B3-M1-R-R	SPST, OFF/MOM	ø16MM, Nickel plated	Solder Lug	Raised Button	IP65
A-AV01-B3-M3-R	SPST, OFF/MOM	ø16MM, Nickel plated	Quick Connect	Curved Button	IP65
A-AV01-B3-M3-F-R	SPST, OFF/MOM	ø16MM, Nickel plated	Quick Connect	Flat Button	IP65
A-AV01-B3-M3-R-R	SPST, OFF/MOM	ø16MM, Nickel plated	Quick Connect	Raised Button	IP65
A-AV01-B4-M1-R	SPST, OFF/MOM	ø12MM, Nickel plated	Solder Lug	Curved Button	IP65
A-AV01-B4-M3-R	SPST, OFF/MOM	ø12MM, Nickel plated	Quick Connect	Curved Button	IP65
A-AV02-B02-M3-F-R	SPDT, ON/MOM	ø25MM, Stainless Steel	Quick Connect	Flat Button	IP65
A-AV03-B02-M3-F-R	SPDT, ON/ON	ø25MM, Stainless Steel	Quick Connect	Flat Button	IP65
A-AV02-B12-M3-F-R	SPDT, ON/MOM	ø22MM, Stainless Steel	Quick Connect	Flat Button	IP65
A-AV03-B12-M3-F-R	SPDT, ON/ON	ø22MM, Stainless Steel	Quick Connect	Flat Button	IP65
A-AV02-B22-M3-F-R	SPDT, ON/MOM	ø19MM, Stainless Steel	Quick Connect	Flat Button	IP67
A-AV03-B22-M3-F-R	SPDT, ON/ON	ø19MM, Stainless Steel	Quick Connect	Flat Button	IP67
A-AV02-B3-M3-F-R	SPDT, ON/MOM	ø16MM, Nickel plated	Quick Connect	Flat Button	IP67
A-AV03-B3-M3-F-R	SPDT, ON/ON	ø16MM, Nickel plated	Quick Connect	Flat Button	IP67

Unit: MM

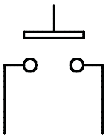
USB & IEEE
IDC & Flat Ribbon
IC, PLCC, Pin & Jumpers
DSUB & Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
Power Cords
Wire to Board
SATA & eSATA
FFC/FFC
MiniDIN & Audio
KVM Cables

Waterproof Anti Vandal Pushbutton switch - Plastic Non Illuminated

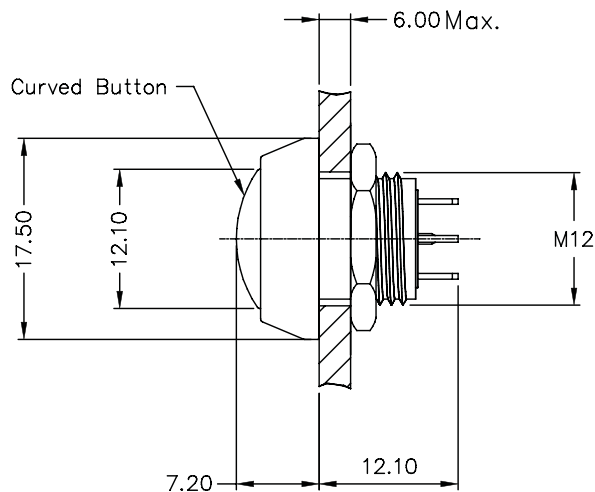
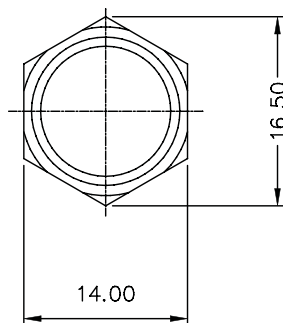
USB & IEEE
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& Jumpers
DSUB &
Centronics
Waterproof
DVI & HDMI
Modular
Fiber-Optic
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Wire to Board
SATA &
eSATA
FFC/FFC
MiniDIN &
Audio
KVM Cables



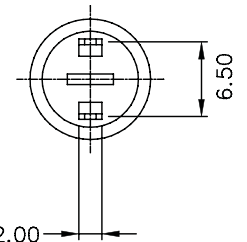
Quick Connect



Contact Configuration



Solder Lug



Material:

Contact Rating: 2.0A @36V DC
Electrical Life: 200,000 cycles
Contact Resistance: 50MΩ Max.
Insulation Resistance: 1,000MΩ Min. @500V DC
Dielectric Strength: 2,000 RMS 50-60Hz
Operating Temperature: -20°C~+70°C
Torque: 5-14Nm Max. applied to nut
Operating Force: 5.5N Max.



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Unit: MM

Assmann Part Number (Standard Stocking Item)	Type	Bushing	Termination	Button Color	Waterproof Rating
A-AV01P-B4-M1-R-R	SPST, OFF/MOM	ø12MM, Nickel plated	Solder Lug	Red	IP65
A-AV01P-B4-M1-G-R	SPST, OFF/MOM	ø12MM, Nickel plated	Solder Lug	Green	IP65
A-AV01P-B4-M1-Y-R	SPST, OFF/MOM	ø12MM, Nickel plated	Solder Lug	Yellow	IP65
A-AV01P-B4-M1-O-R	SPST, OFF/MOM	ø12MM, Nickel plated	Solder Lug	Orange	IP65
A-AV01P-B4-M1-B-R	SPST, OFF/MOM	ø12MM, Nickel plated	Solder Lug	Blue	IP65
A-AV01P-B4-M1-W-R	SPST, OFF/MOM	ø12MM, Nickel plated	Solder Lug	White	IP65
A-AV01P-B4-M3-R-R	SPST, OFF/MOM	ø12MM, Nickel plated	Quick Connect	Red	IP65
A-AV01P-B4-M3-G-R	SPST, OFF/MOM	ø12MM, Nickel plated	Quick Connect	Green	IP65
A-AV01P-B4-M3-Y-R	SPST, OFF/MOM	ø12MM, Nickel plated	Quick Connect	Yellow	IP65
A-AV01P-B4-M3-O-R	SPST, OFF/MOM	ø12MM, Nickel plated	Quick Connect	Orange	IP65
A-AV01P-B4-M3-B-R	SPST, OFF/MOM	ø12MM, Nickel plated	Quick Connect	Blue	IP65
A-AV01P-B4-M3-W-R	SPST, OFF/MOM	ø12MM, Nickel plated	Quick Connect	White	IP65