

QFoca Tactical Connectors



Military Aerospace Shipboard Industrial Mining Transportation Oil & Gas Broadcast Manufacturing Marine Energy Medical



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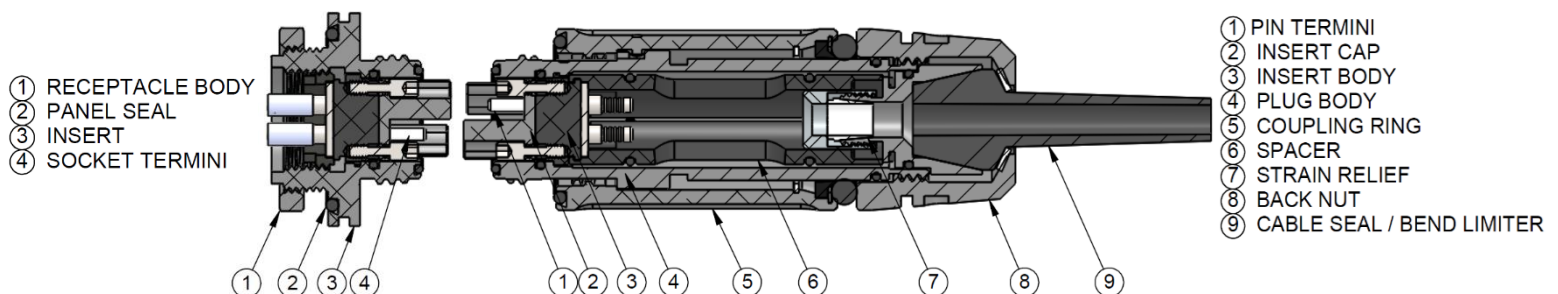


QPC's QFoca Hermaphroditic Tactical Connector Line is engineered for Harsh Environment and Military Ground Tactical applications. The QFoca 4 Channel version is designed to meet the requirements of MIL-PRF-83526/16 & /17 Military Specifications.

The QFoca is highly versatile connector system. It is available in 4 or 12 Channels and is hermaphroditic allowing multiple plug-to-plug cable assemblies to be combined to extend the length of the system. The QFoca can accommodate a wide range of cable designs and diameters using molded boots and wire mesh cable grips. The QFoca-K1 option is designed to capture and bond the metallic braids in armored cables for electrical safety, and the QFoca-G2 option includes a gas tight gland at the cable interface for use in hazardous applications.

QFoca connectors are used in Military Ground Tactical, Aerospace Ground Communications, Oil & Gas, Mining, Factory Automation, Heavy Equipment, Broadcast, Audio / Video, and Sensing Applications.

- 4Ch / 12Ch Hermaphroditic Physical Contact Connector System
- Plugs available with Wire Mesh Cable Grip Options (QFoca-G1) and with gas tight Hawke Glands (QFoca-G2)
- Receptacles available in Jam Nut and Flange Mount, Internal and External Mount, with or without Backshells
- Cable OD, 4Ch up to 0.61" (15.5mm) / 12CH up to 1" (25mm)
- 4Ch version designed to MIL-DTL-83526/16 (Plug) & MIL-DTL-83526/17 (Jam Nut Receptacle)
- QFoca Intermateability: Amphenol TFOCA-II, OCC TFOCA 2, Delphi DFOCA, Glenair GFOCA
- QDrive Intermateability: Amphenol RigLinQ, Stran GenX Hybrid
- QFoca-EZ Version (Compatible with OCC's EZ Mate Product Line) available for all 4Ch / 12Ch QFoca configurations
- Sealed to IP68



Specifications:

Insertion Loss: SM (9/125µm)	0.10-1.0dB Max.
MM (50/125µm)	0.10-1.0dB Max.
MM (62.5/125µm)	0.10-1.0dB Max.
Return Loss: SM (9/125µm)	-40dB PC, -55dB UPC
Operating Temperature:	-40°C to +85°C
Vibration:	10 to 2000Hz / 15g EIA/TIA-455-11, Cond. III
Mating Durability:	2000 Cycles
Impact:	8 Impacts @ 8FT (2.5MT), EIA/TIA-455-2
Shock:	50g for 11ms, EIA/TIA-455-14, Condition A
IP Rating:	IP68 - Dust Tight, No ingress of dust; complete protection against contact, Water Immersion 1m
Material & Plating Specification:	ZINC-NICKEL: 6061-T6 Aluminum; Electroless Nickel plate .00035/.00030 per AMS-C-26074 Followed by Zinc Nickel Plate .0004/.0003 per AMS 2417H type 2 Followed by Zinc Strike .00015 / .00005 per ASTM B 633 Followed by Dark Green Olive Drab Chromate Conversion Coating Hard Anodize: 6061-T6 Aluminum; Anodize per MIL-A-8625 TYPE III CLASS 2, .0022/.0018 Thick (50% Penetration), Black Stainless Steel: 303 Stainless Steel; PASSIVATE PER QQ-P-35
Cable Retention:	400lbs – Cable retention depends on cable type

QFoca Part Number Builder:

Sample Part Number: QFOCA-PHHZ-04CH-1-S075		QFOCA	- PH	H	Z	- 04CH	- 1	- S075
1 Series QFOCA QFOCA-EZ QFOCA-G1 QFOCA-EZ-G1 QFOCA-G2 QFOCA-EZ-G2 QFOCA-K1 QFOCA-EZ-K1								
2 Connector Type PH - PLUG RF - RECP FLANGE,EXTERNAL MOUNT RG - RECP FLANGE,INTERNAL MOUNT RH - RECP FLANGE,EXTERNAL MOUNT W/BACKSHELL RI - RECP FLANGE,INTERNAL MOUNT W/BACKSHELL RJ - RECP JAM NUT,EXTERNAL MOUNT RK - RECP JAM NUT,INTERNAL MOUNT RL - RECP JAM NUT,EXTERNAL MOUNT W/BACKSHELL RM - RECP JAM NUT,INTERNAL MOUNT W/BACKSHELL								
3 Dustcover Type H - HERMAPHRODITIC DUSTCOVER F - FEMALE DUSTCOVER S - SHROUD, EXTENDED FEMALE DUSTCOVER								
4 Material & Finish Code Z - ALUMINUM - ZINC OVER NICKEL OLIVE DRAB N - ALUMINUM - BLACK, HARD ANODIZE S - STAINLESS STEEL (CONSULT QPC FOR OTHER OPTIONS)								
5 Channel Count 04CH - 4 CHANNEL (2x PIN & 2x SOCKET TERMINI) 12CH - 12 CHANNEL (6x PIN & 6x SOCKET TERMINI)								
6 Insert Cap Key 1 - KEY CONFIGURATION 1 2 - KEY CONFIGURATION 2 3 - KEY CONFIGURATION 3 U - KEY CONFIGURATION UNIVERSAL								
7 Strain Relief Identifier See Table I, Table II, or Table III								

QFOCA-G1 – with Backshell, Mesh Grip
QFOCA-G2 – with Backshell, Mesh Grip, Hawke Gland
QFOCA-K1 – with Backshell, Mesh Grip, Bonding Strain Relief

QDrive Part Number

Sample Part Number: QDRIVE-G2-PHHN-12CH-G205		QDRIVE-G2	- PH	H	N	- 12CH	- G205
1	<u>Series</u>						
	QDRIVE-G1						
	QDRIVE-G2						
	QDRIVE-K1						
2	<u>Connector Type</u>						
	PH - PLUG						
	RF - RECP FLANGE,EXTERNAL MOUNT						
3	<u>Dustcover Type</u>						
	H - PLUG,HERMAPHRODITIC DUSTCOVER						
	S - SHROUD, EXTENDED FEMALE DUSTCOVER						
4	<u>Material & Finish Code</u>						
	Z - ALUMINUM - ZINC OVER NICKEL OLIVE DRAB						
	N - ALUMINUM - BLACK, HARD ANODIZE						
	S - STAINLESS STEEL						
	(CONSULT QPC FOR OTHER OPTIONS)						
4	<u>Channel Count</u>						
	12CH - 12 CHANNEL (8x Fiber with 8x Termini + 4x Copper with 4x 12 AWG Contacts)						
5	<u>Strain Relief Identifier</u>						
	See Table IV						

QDRIVE-G1 – with Backshell, Mesh Grip

QDRIVE-G2 – with Backshell, Mesh Grip, Hawke Gland

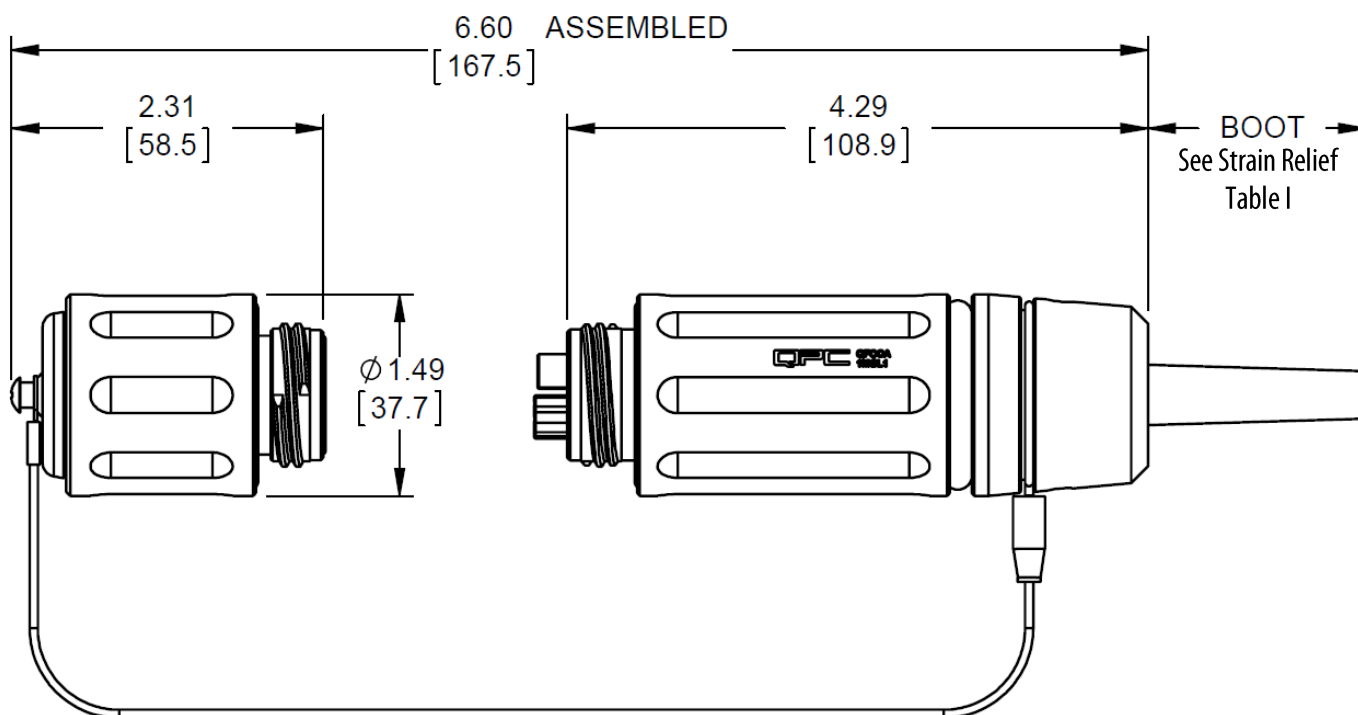
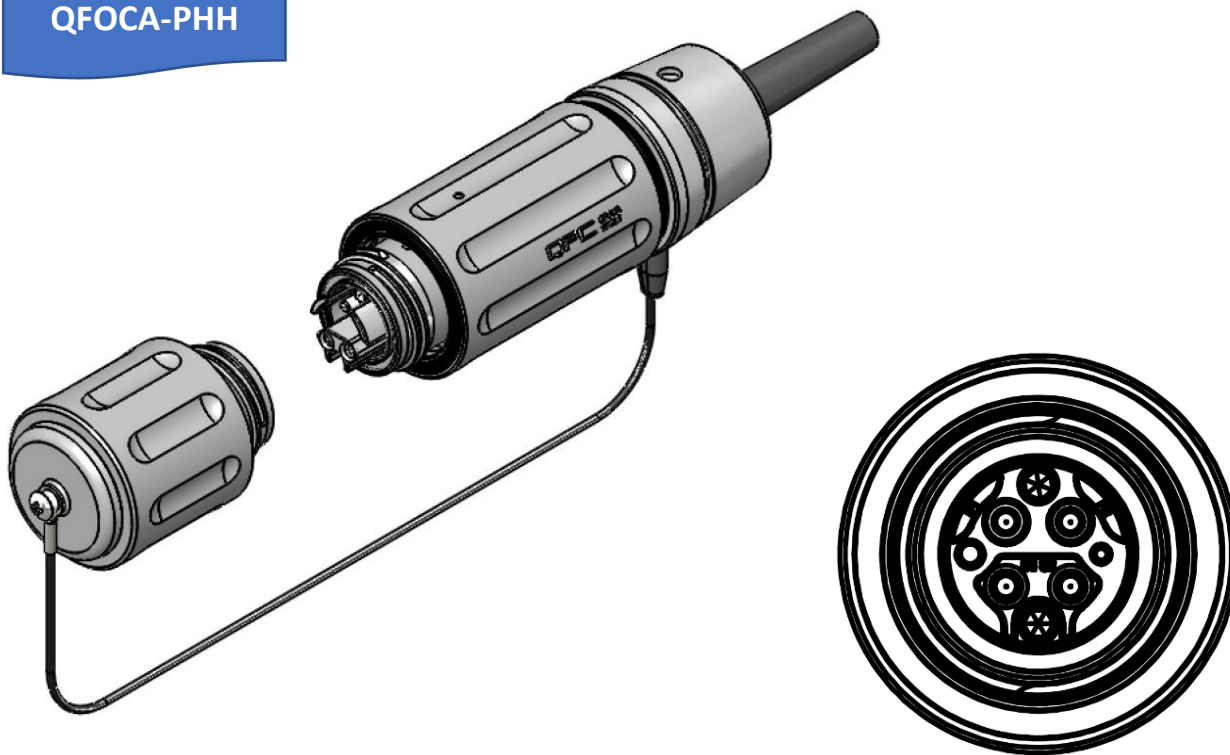
QDRIVE-K1 – with Backshell, Mesh Grip, Bonding Strain Relief

Power Copper Contacts	
	Size 12 (2.4mm)
Wire Size Range:	14 to 12 AWG
Current Rating:	23A
Voltage:	600V
Plating:	Contact: Copper Alloy/Gold Plated



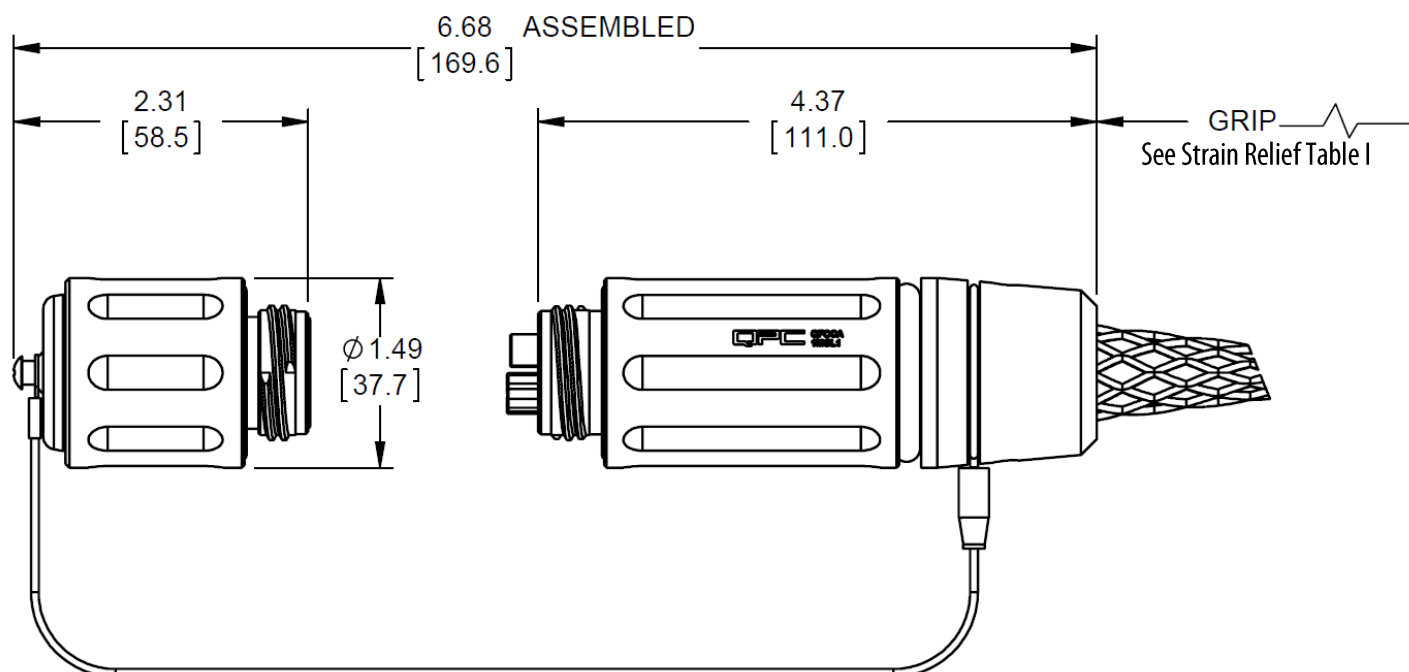
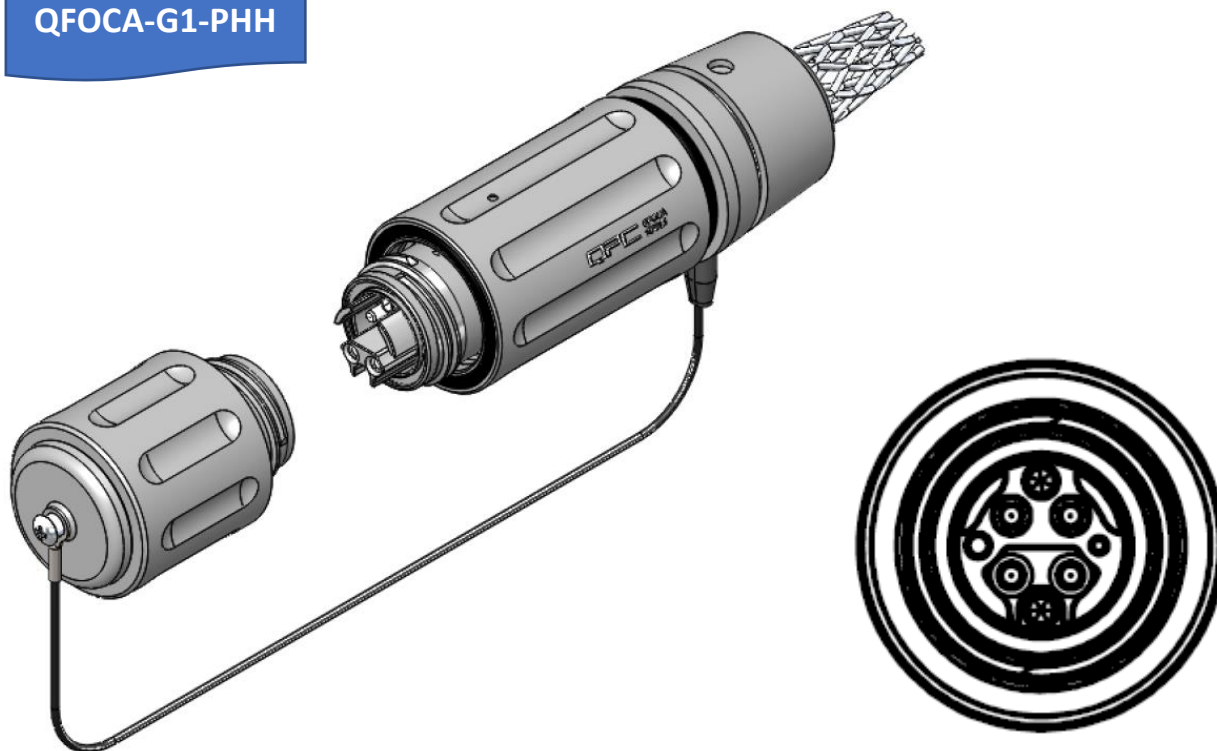
QFoca 4Ch Plug, Hermaphroditic, Backshell, Dustcover:

QFOCA-PHH



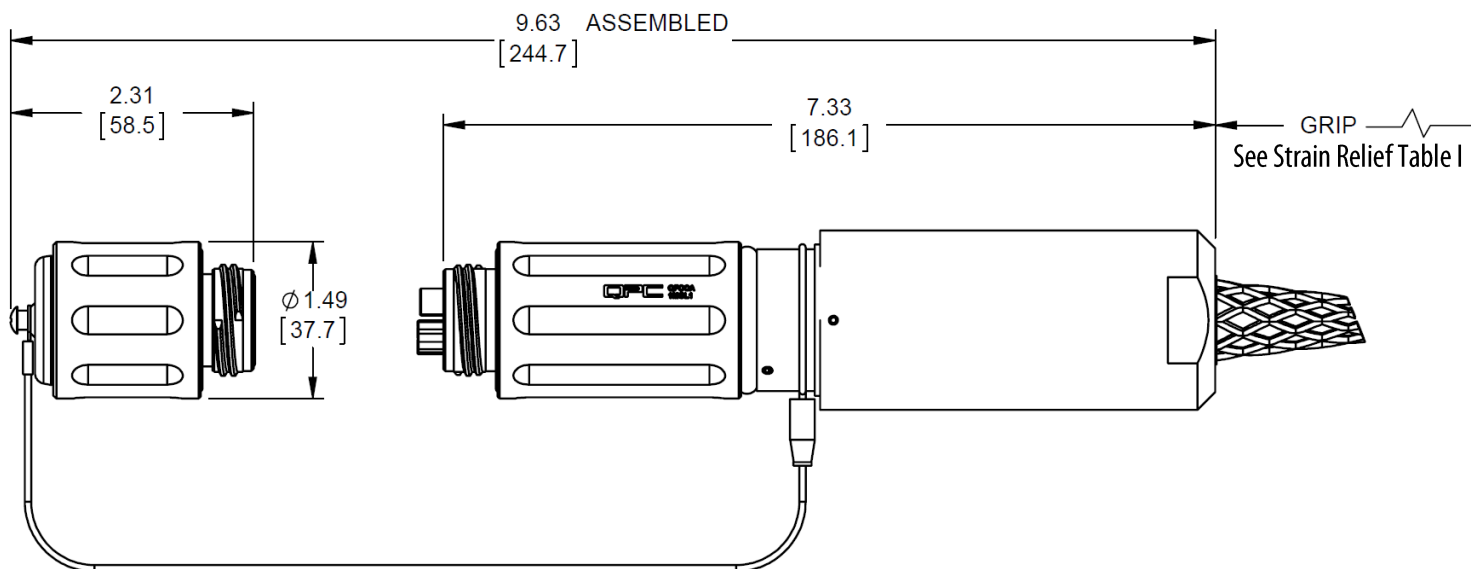
QFoca-G1, 4Ch Plug, Hermaphroditic, Backshell, Mesh Grip, Dustcover:

QFOCA-G1-PHH



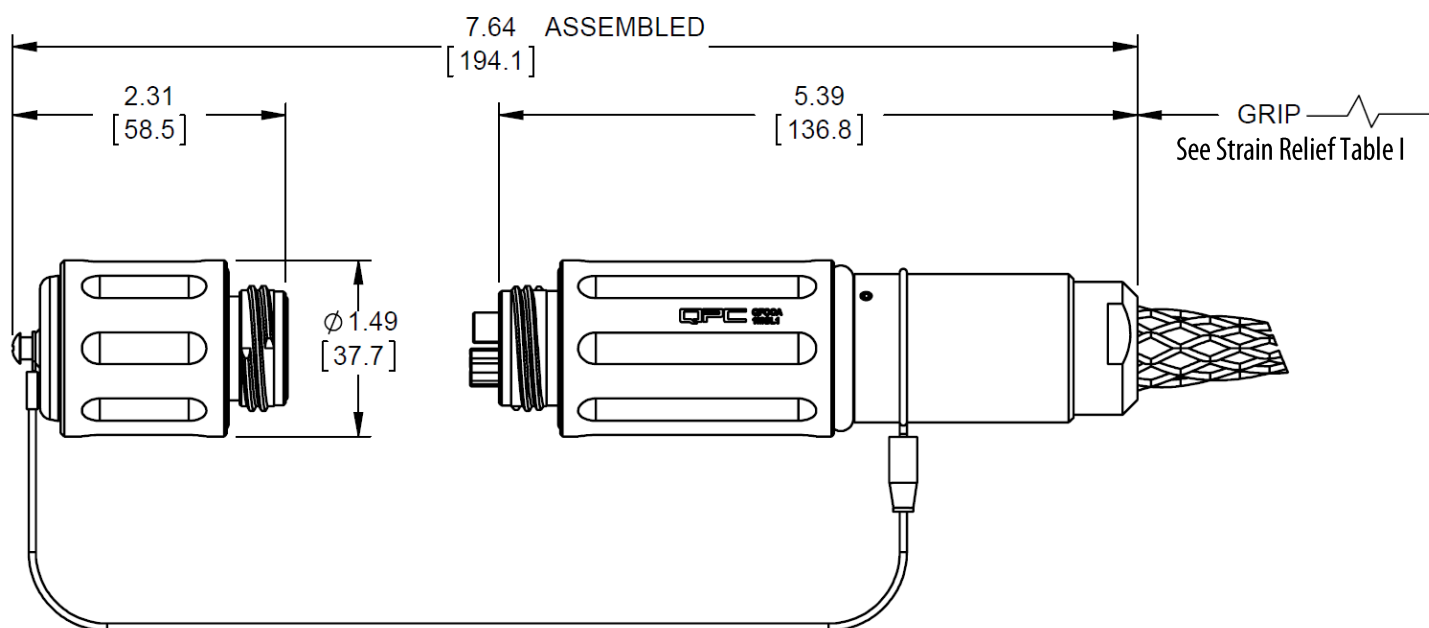
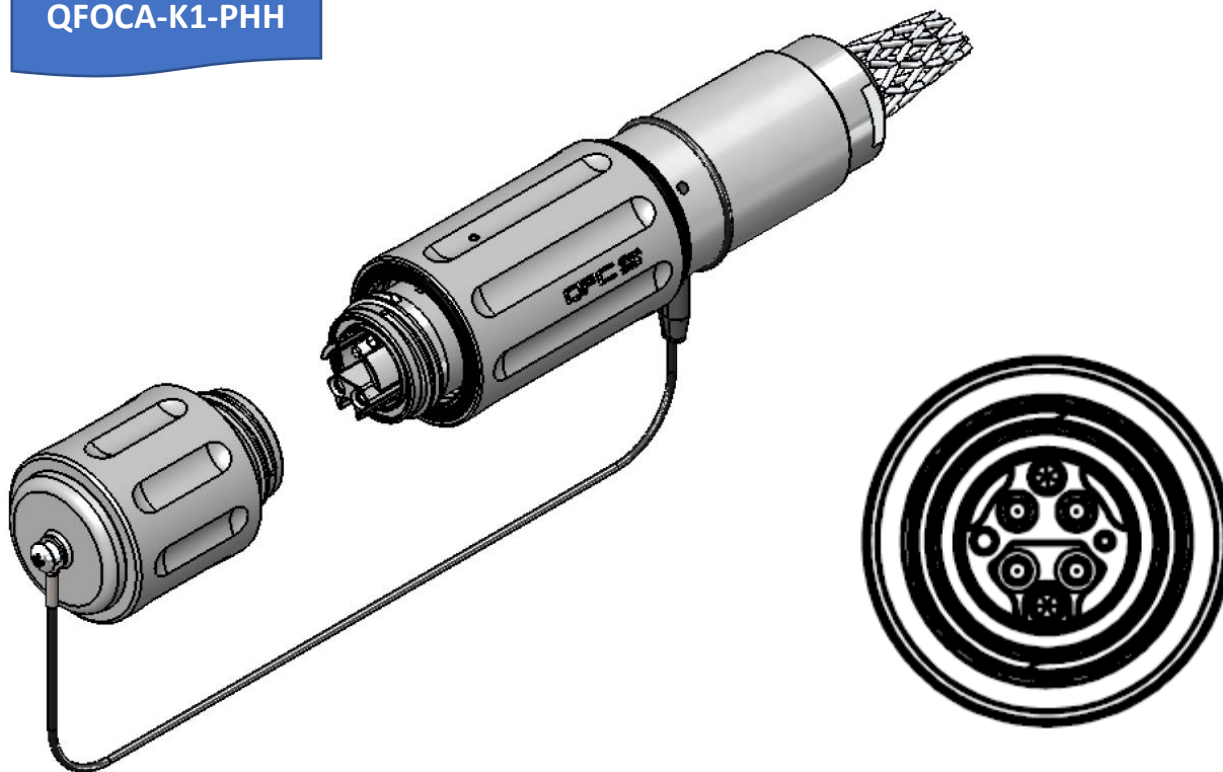
QFoca-G2, 4Ch Plug, Hermaphroditic, Backshell, Mesh Grip, Hawke Gland, Dustcover:

QFOCA-G2-PHH



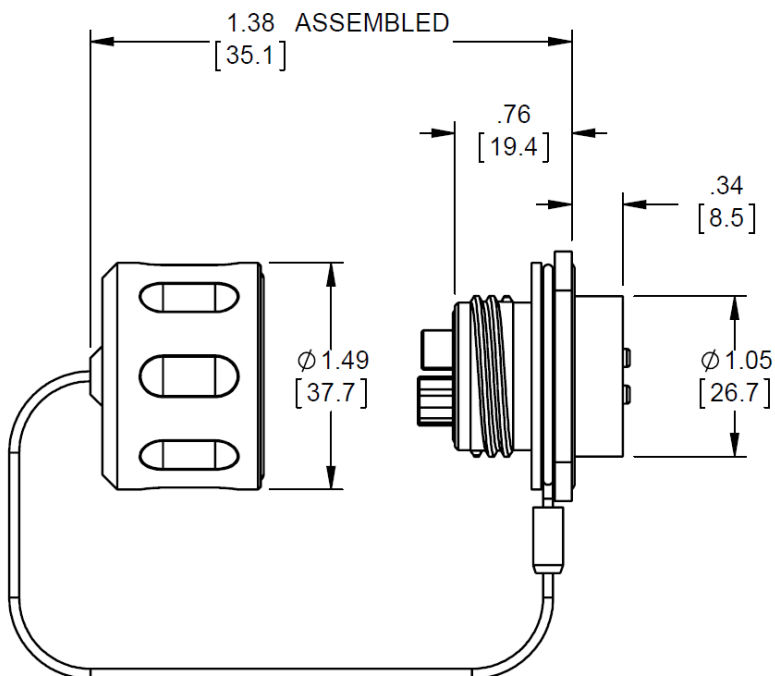
QFoca-K1, 4Ch Plug, Hermaphroditic, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

QFOCA-K1-PHH



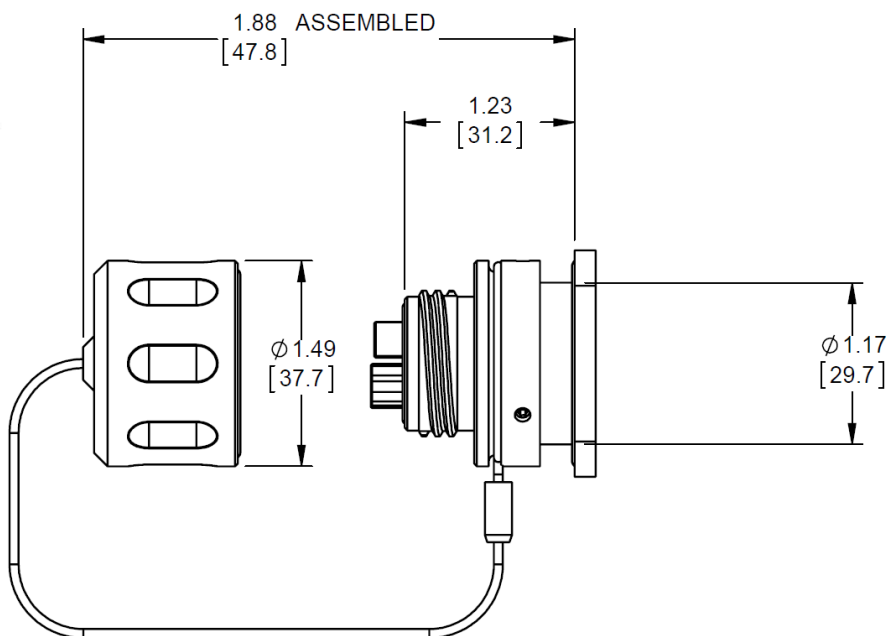
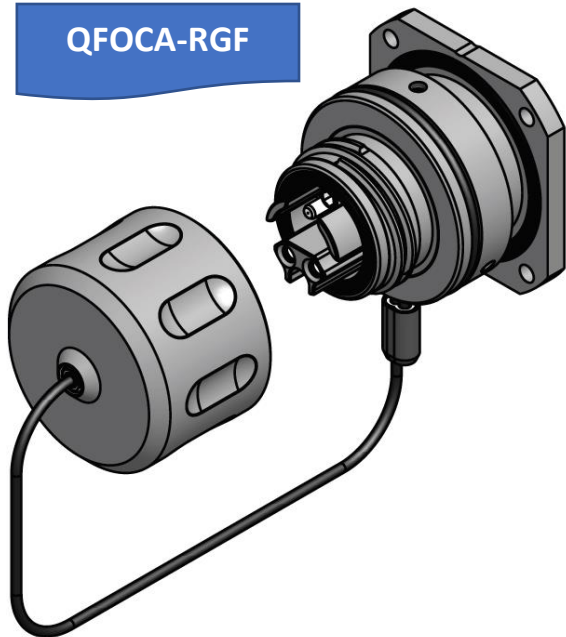
QFoca 4Ch Receptacle, Flange, External Mount, Dustcover:

QFOCA-RFF



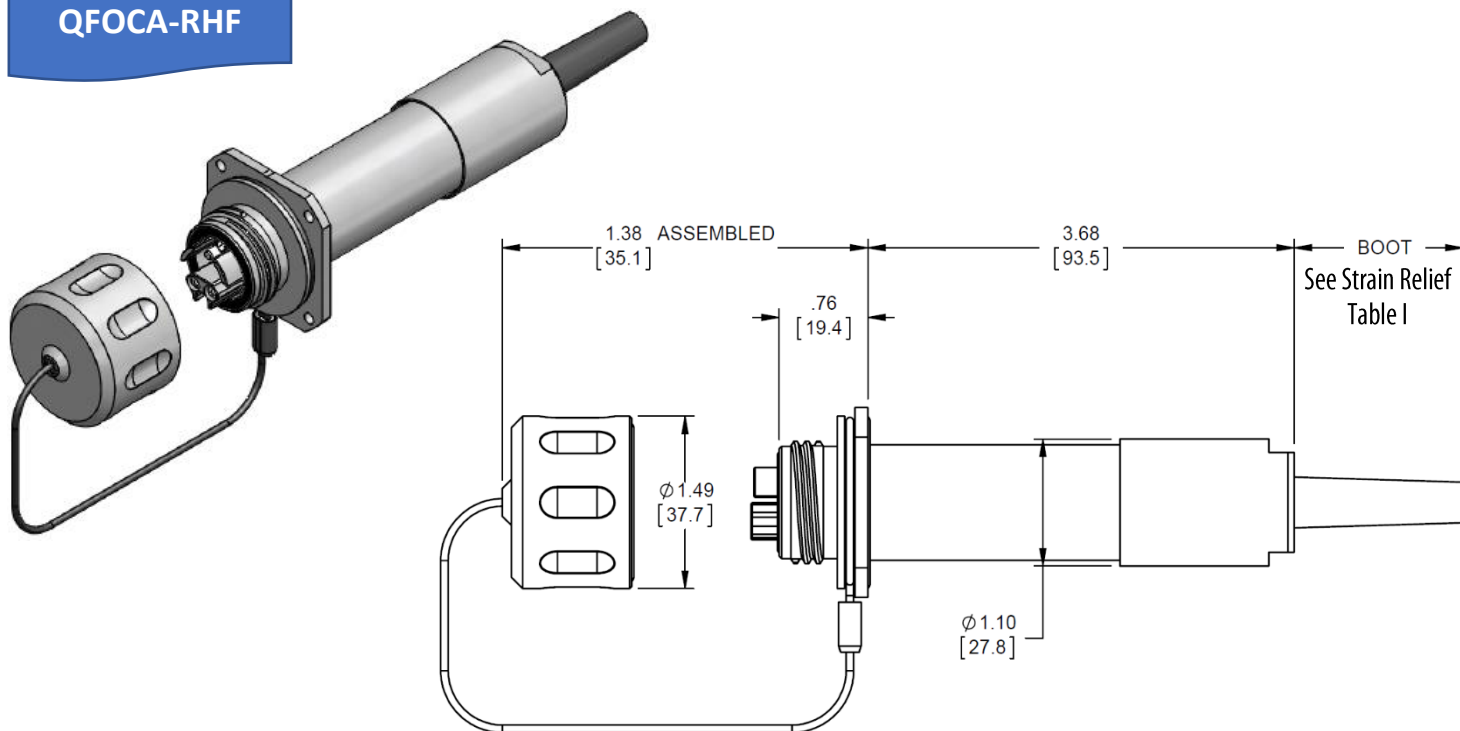
QFoca 4Ch Receptacle, Flange, Internal Mount, Dustcover:

QFOCA-RGF



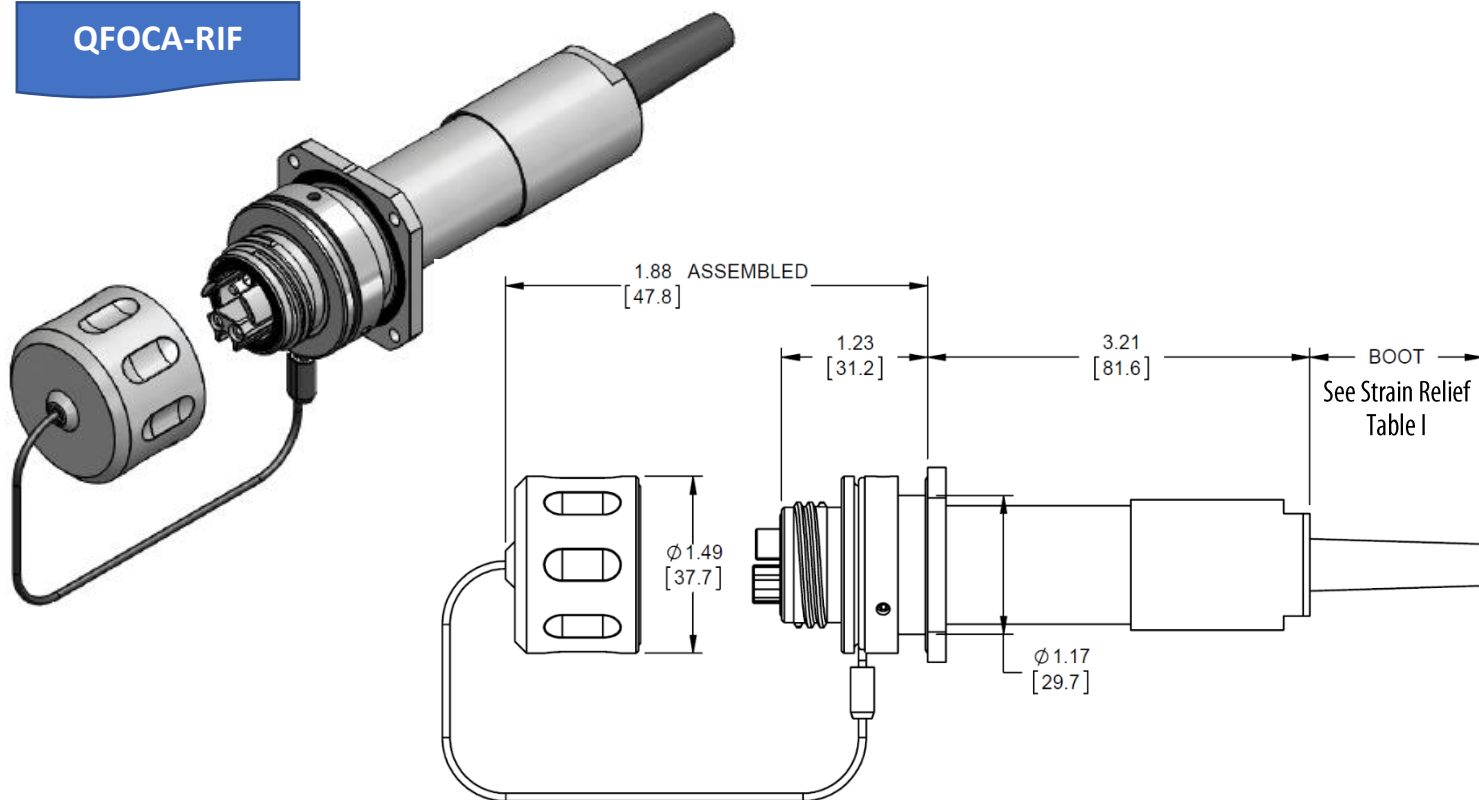
QFoca 4Ch Receptacle, Flange, External Mount, Backshell, Dustcover:

QFOCA-RHF



QFoca 4Ch Receptacle, Flange, Internal Mount, Backshell, Dustcover:

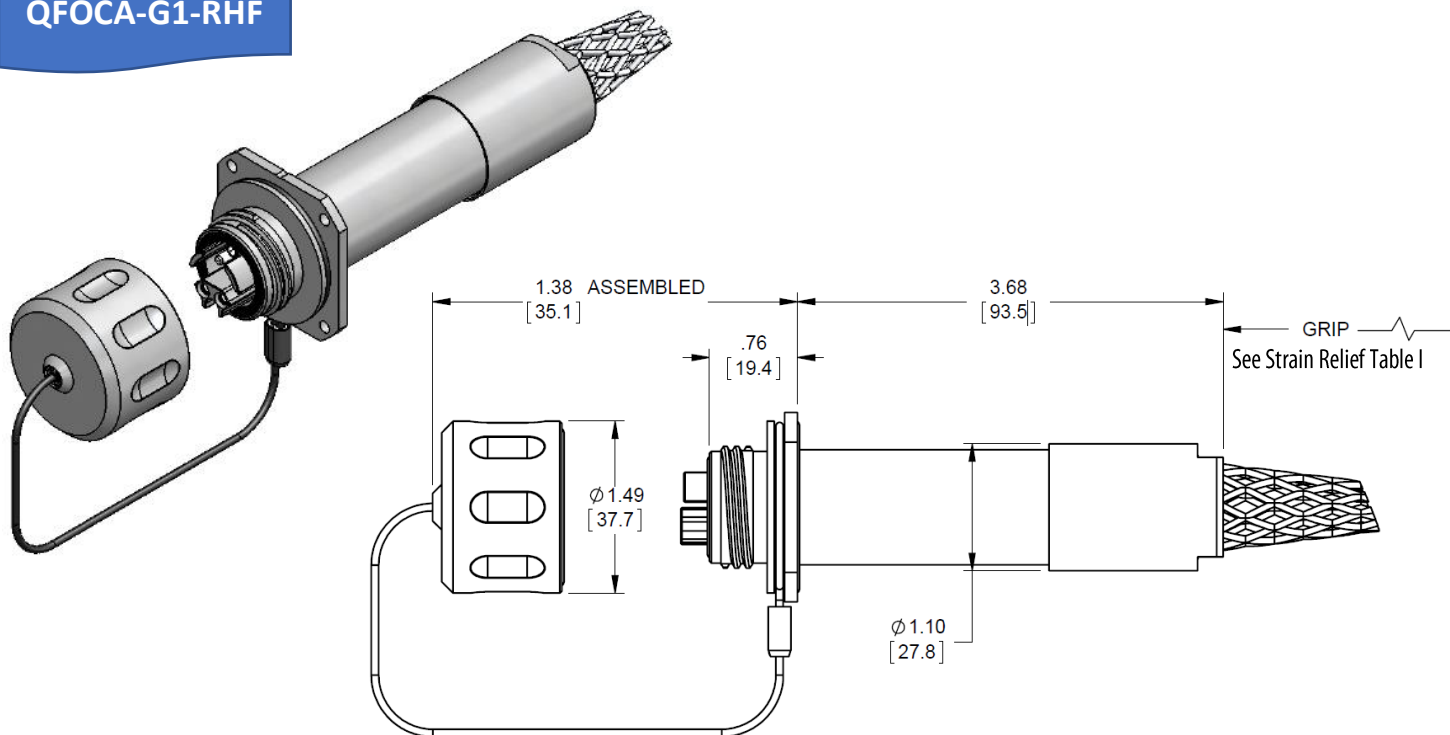
QFOCA-RIF



QFoca Hermaphroditic Tactical Connectors

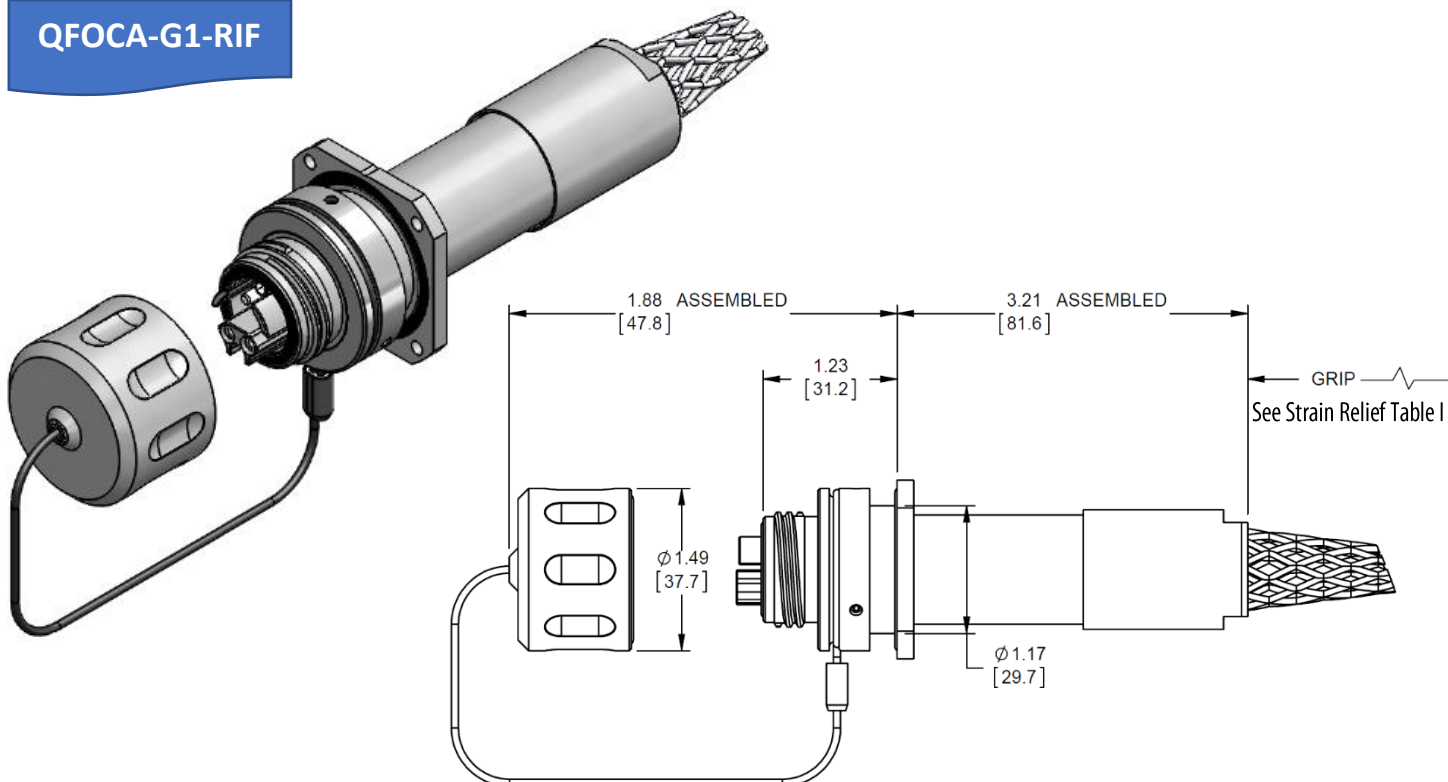
QFoca-G1, 4Ch Receptacle, Flange, External Mount, Backshell, Mesh Grip, Dustcover:

QFOCA-G1-RHF



QFoca-G1, 4Ch Receptacle, Flange, Internal Mount, Backshell, Mesh Grip, Dustcover:

QFOCA-G1-RIF

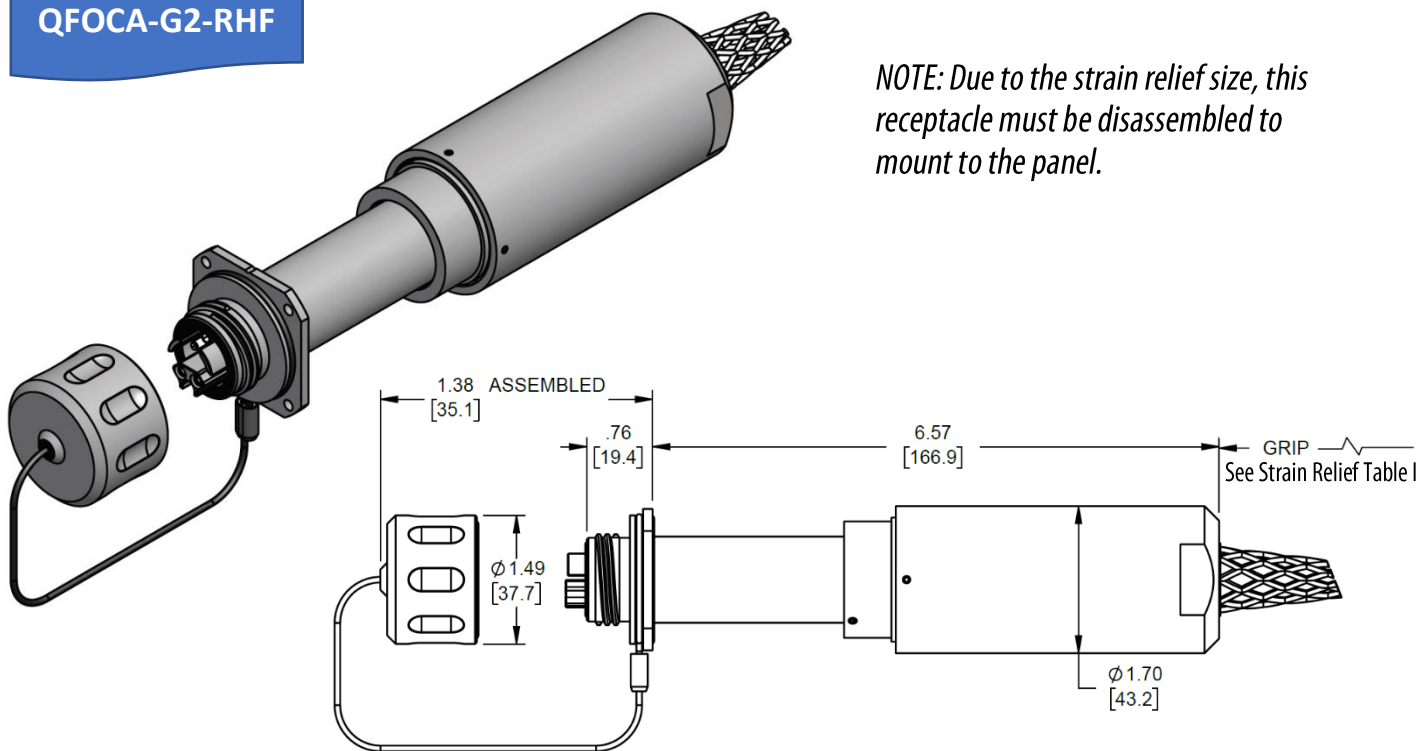


QFoca Hermaphroditic Tactical Connectors

QFoca-G2, 4Ch Receptacle, Flange, External Mount, Backshell, Mesh Grip, Hawke Gland, Dustcover:

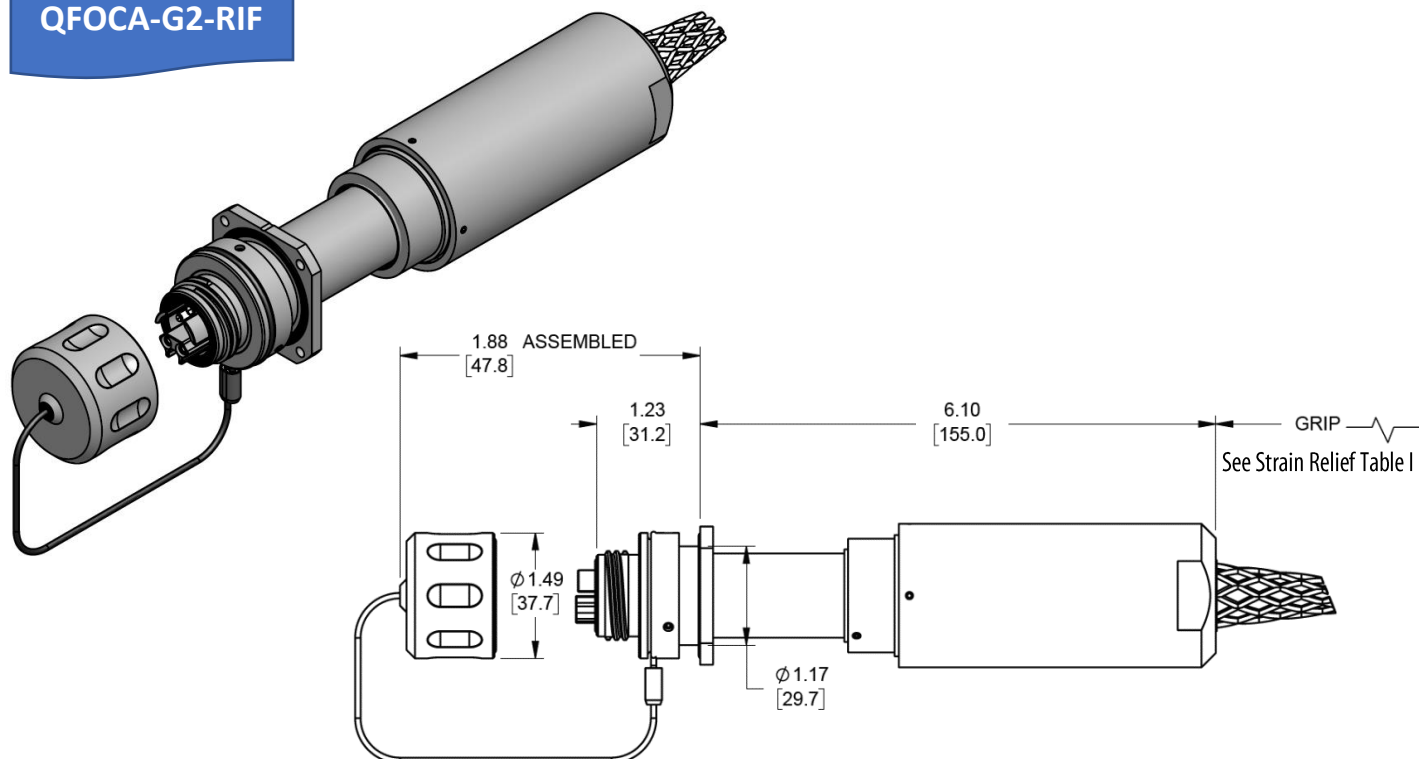
QFOCA-G2-RHF

NOTE: Due to the strain relief size, this receptacle must be disassembled to mount to the panel.



QFoca-G2, 4Ch Receptacle, Flange, Internal Mount, Backshell, Mesh Grip, Hawke Gland, Dustcover:

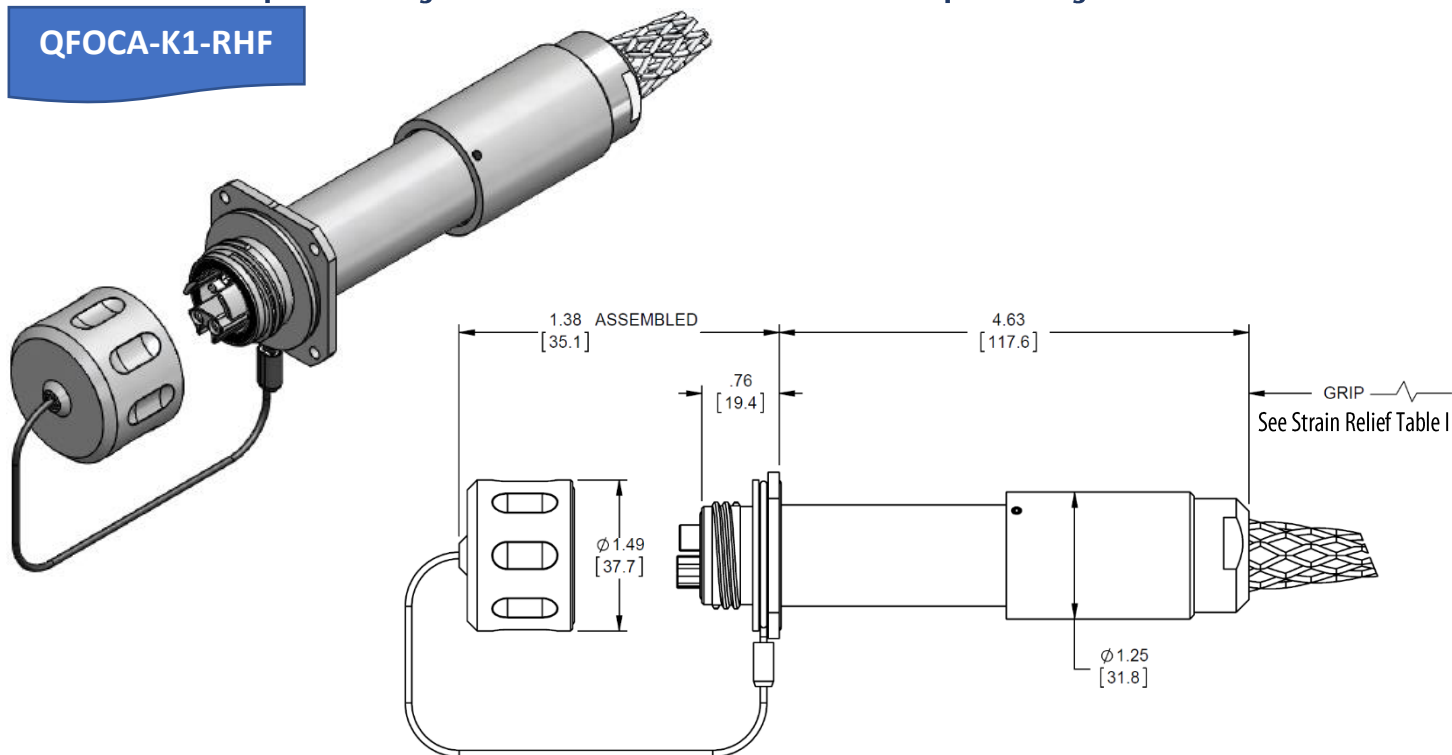
QFOCA-G2-RIF



QFoca Hermaphroditic Tactical Connectors

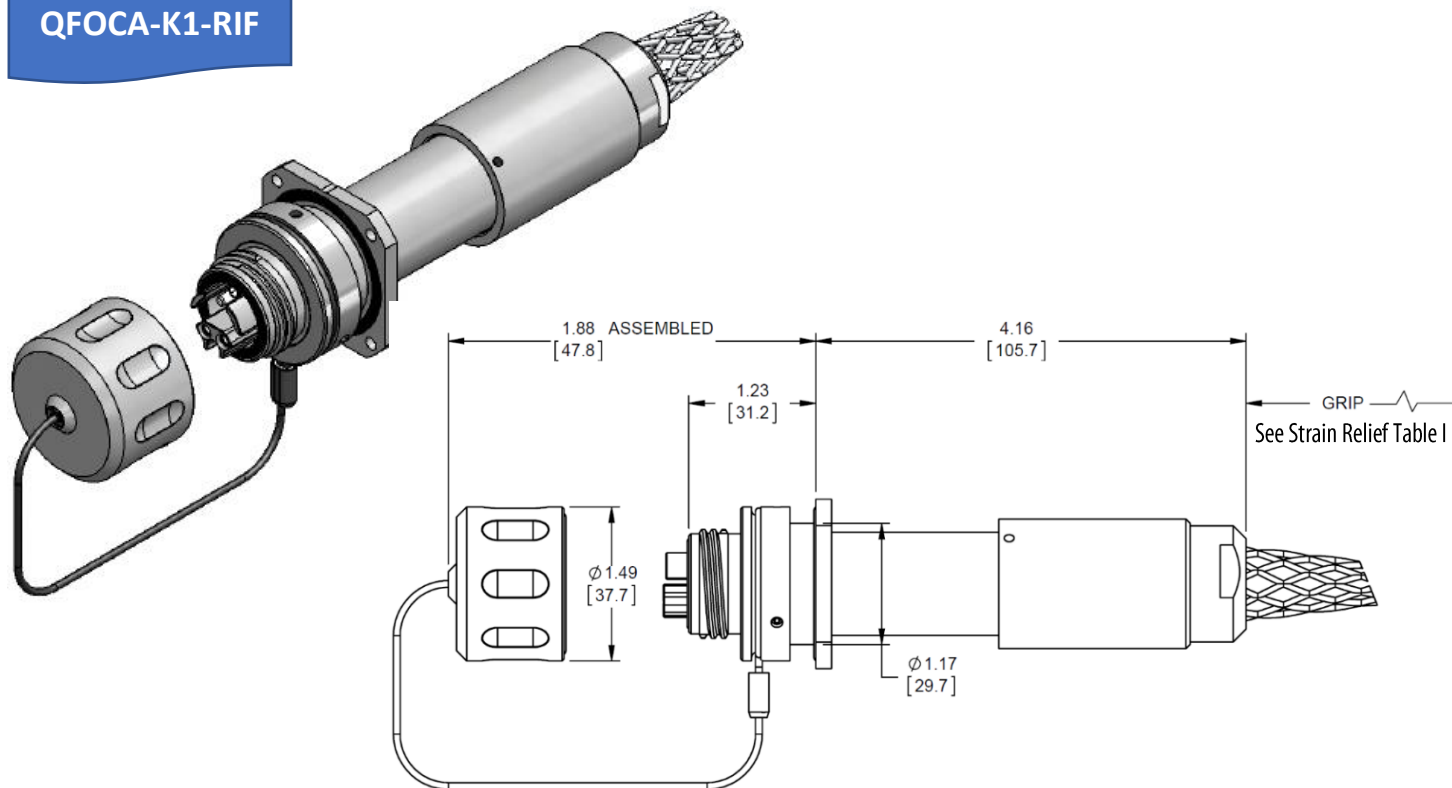
QFoca-K1, 4Ch Receptacle, Flange, External Mount, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

QFOCA-K1-RHF



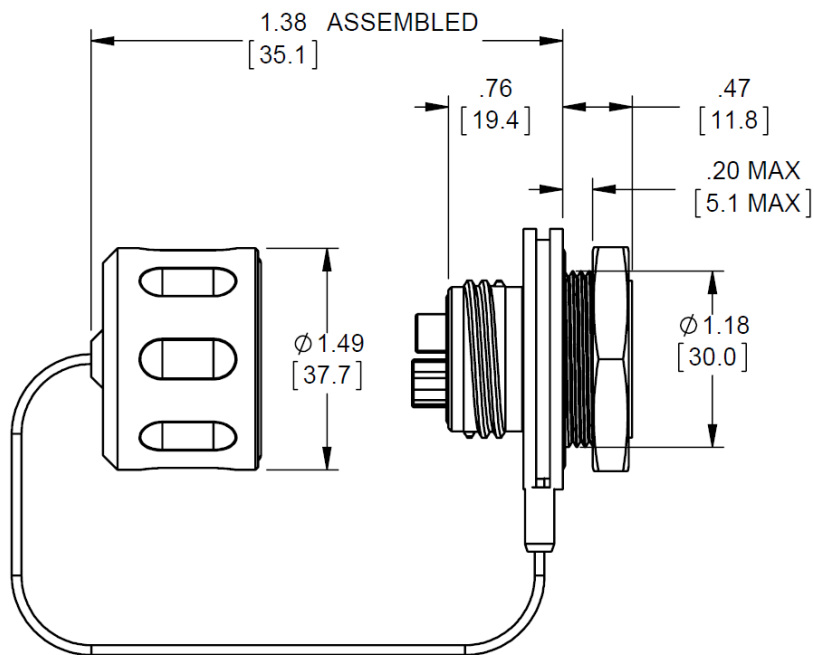
QFoca-K1, 4Ch Receptacle, Flange, Internal Mount, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

QFOCA-K1-RIF



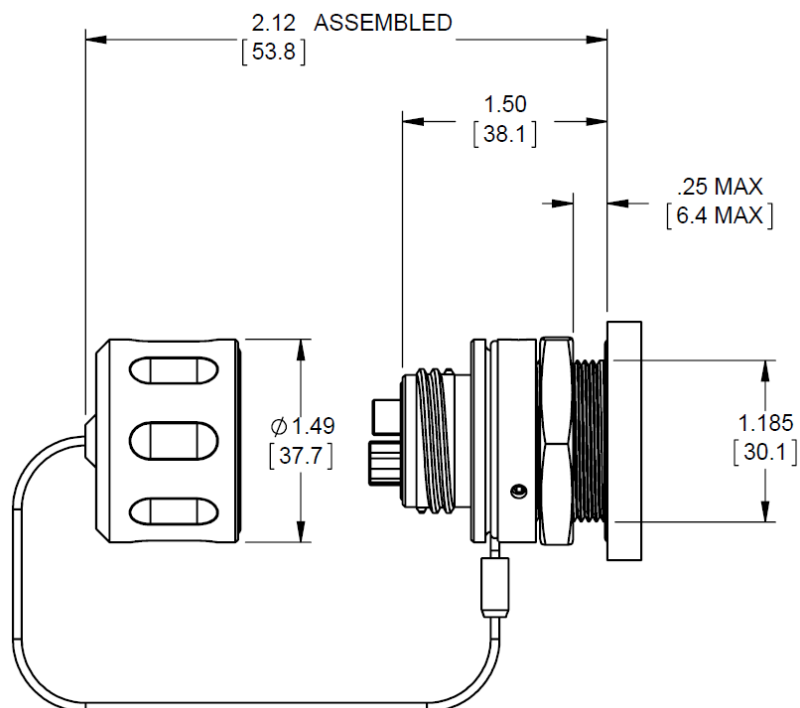
QFoca 4Ch Receptacle, Jam Nut, External Mount, Dustcover:

QFOCA-RJF



QFoca 4Ch Receptacle, Jam Nut, Internal Mount, Dustcover:

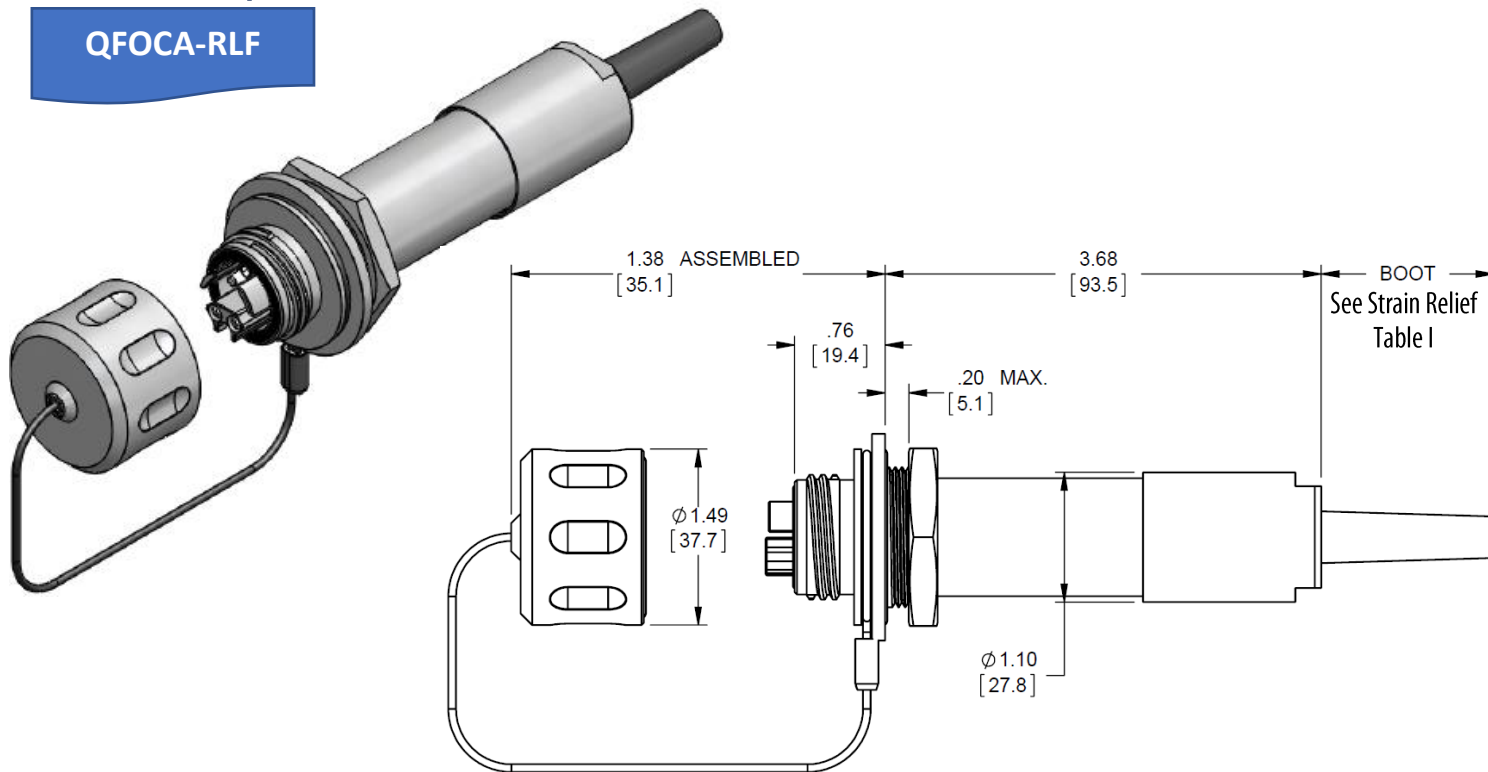
QFOCA-RKF



QFoca Hermaphroditic Tactical Connectors

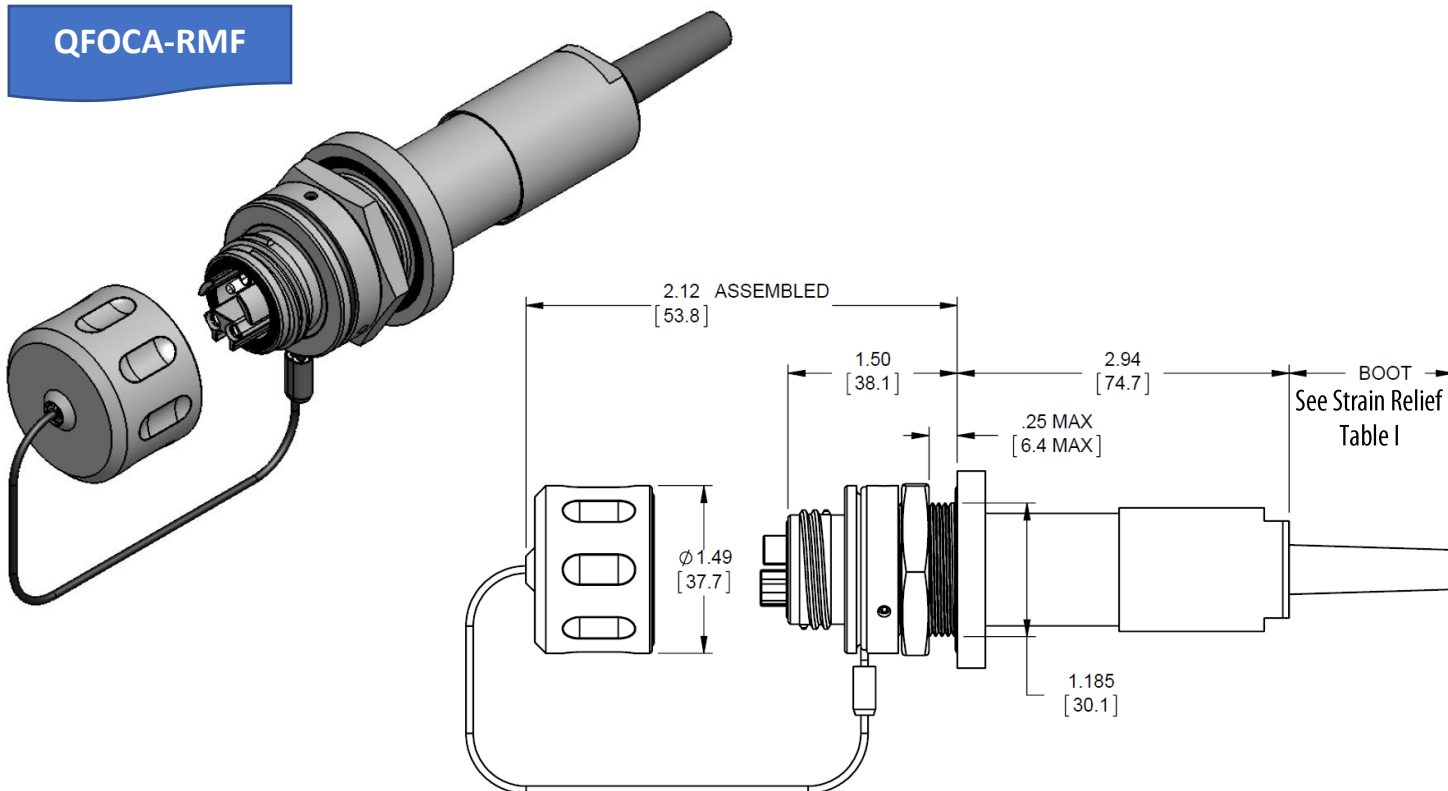
QFoca 4Ch Receptacle, Jam Nut, External Mount, Backshell, Dustcover:

QFOCA-RLF



QFoca 4Ch Receptacle, Jam Nut, Internal Mount, Backshell, Dustcover:

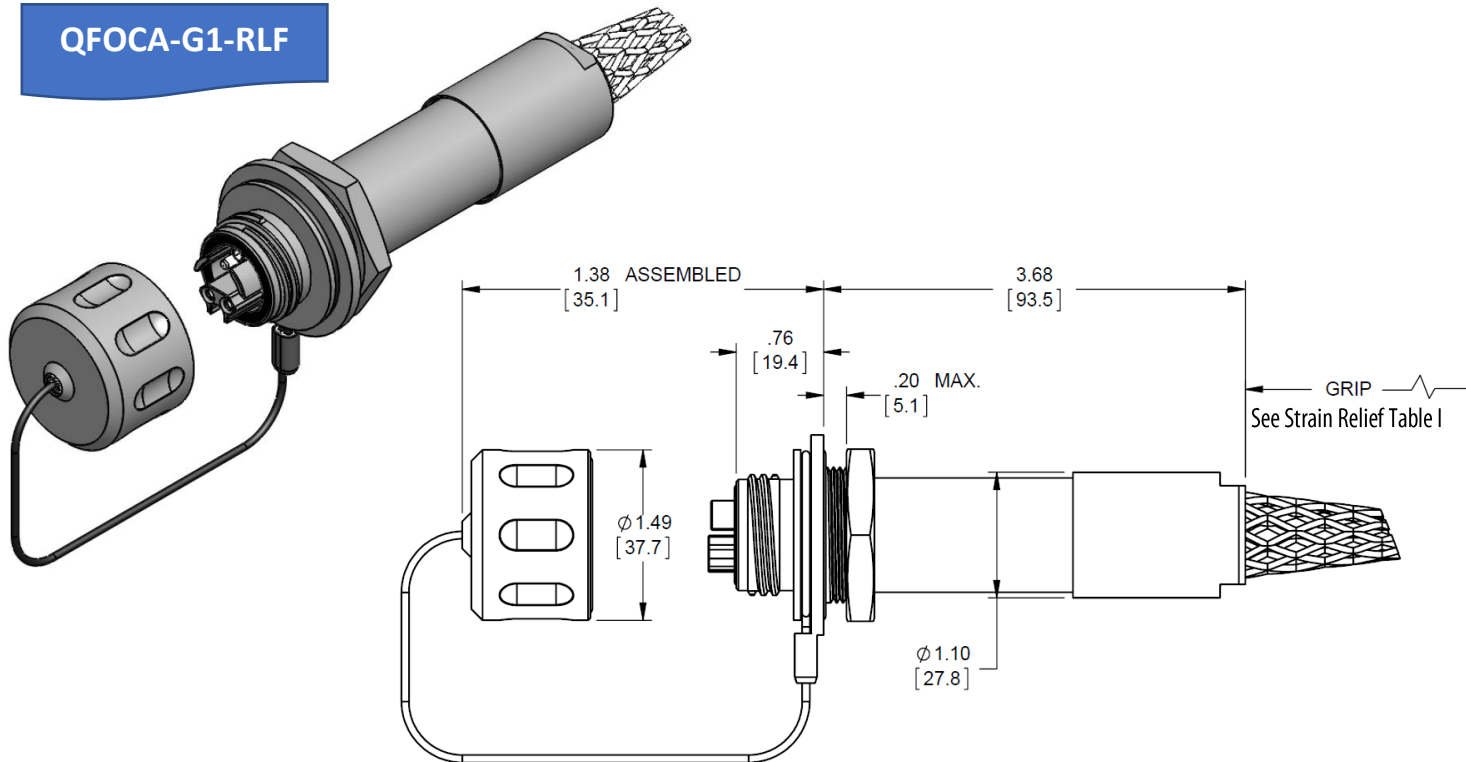
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QFoca Hermaphroditic Tactical Connectors

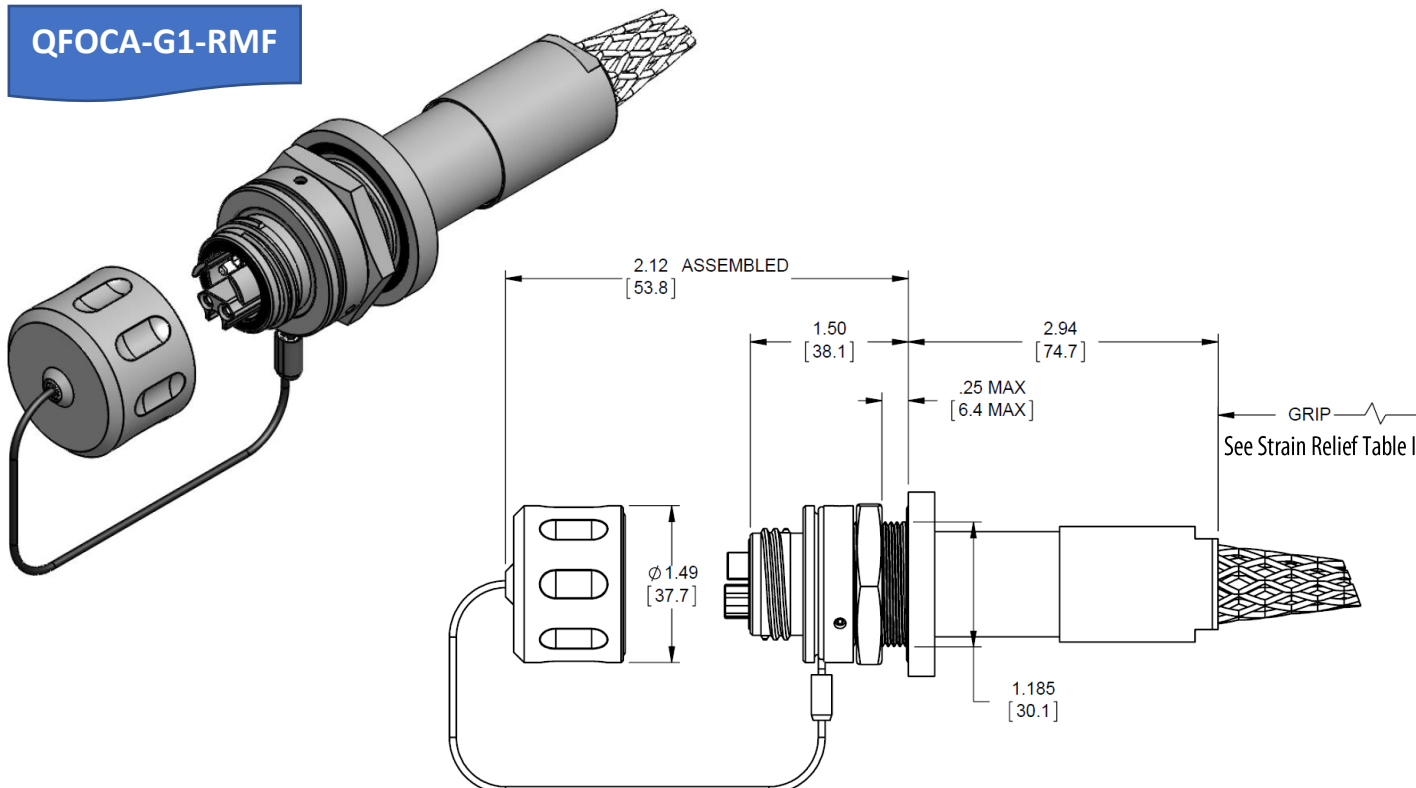
QFoca-G1, 4Ch Receptacle, Jam Nut, External Mount, Backshell, Mesh Grip, Dustcover:

QFOCA-G1-RLF



QFoca-G1, 4Ch Receptacle, Jam Nut, Internal Mount, Backshell, Mesh Grip, Dustcover:

QFOCA-G1-RMF

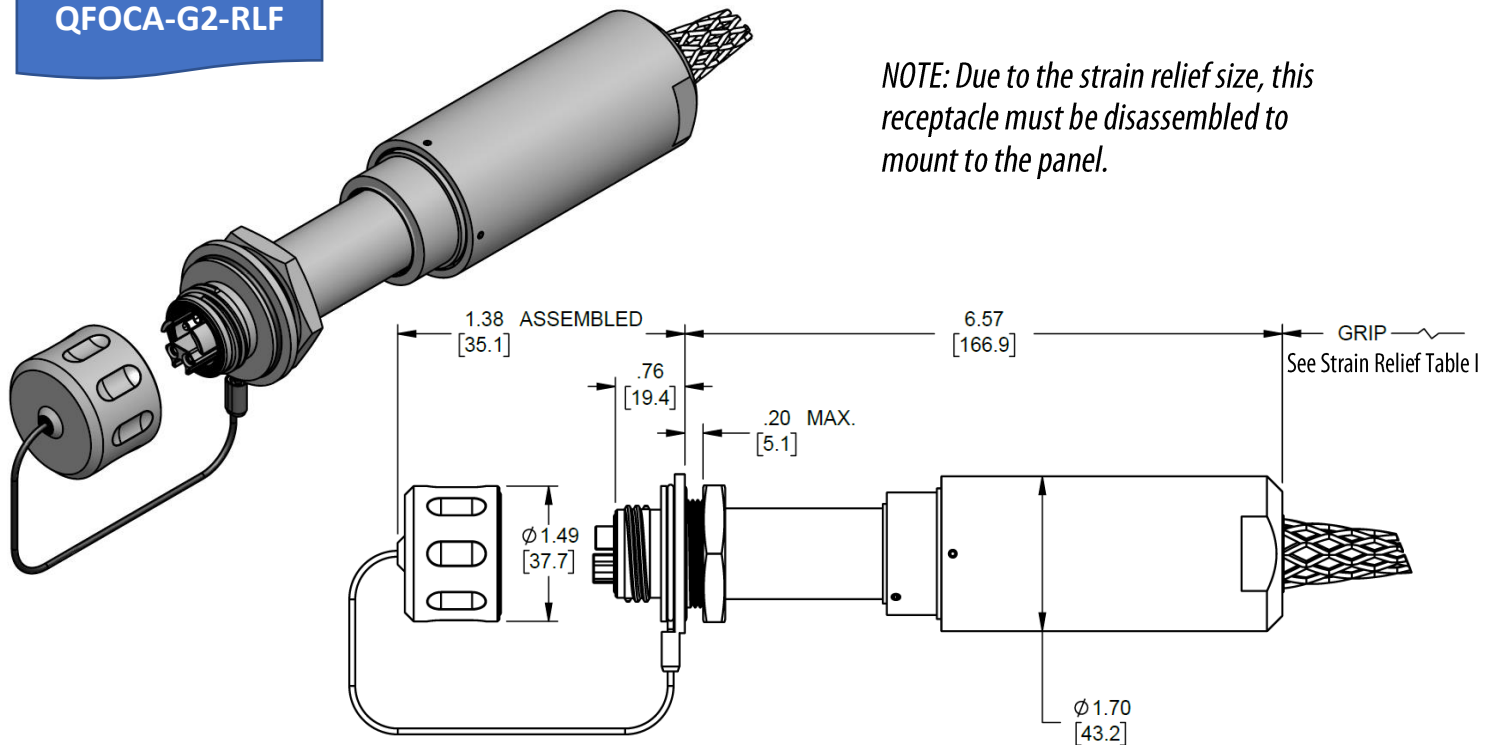


QFoca Hermaphroditic Tactical Connectors

QFoca-G2, 4Ch Receptacle, Jam Nut, External Mount, Backshell, Mesh Grip, Hawke Gland, Dustcover:

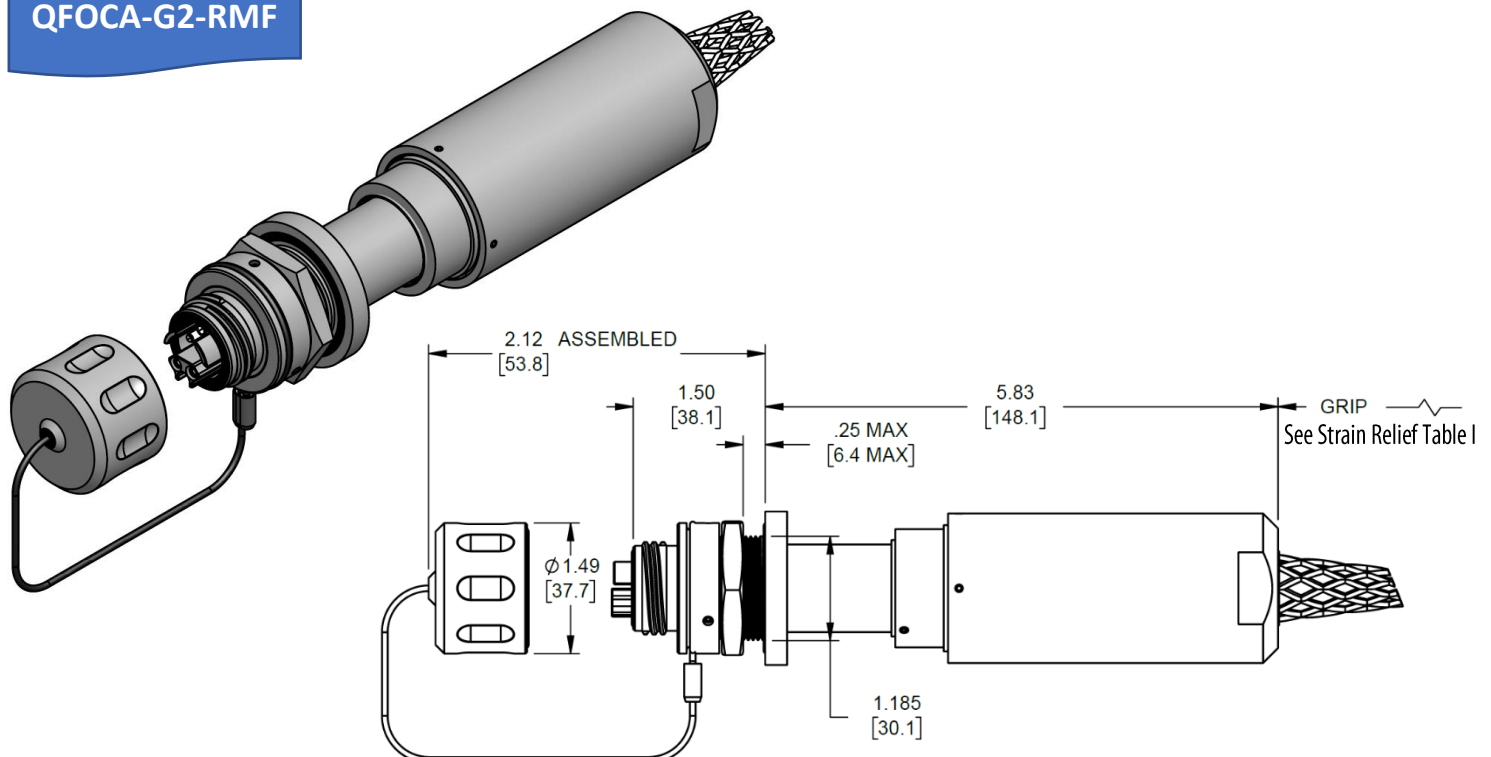
QFOCA-G2-RLF

NOTE: Due to the strain relief size, this receptacle must be disassembled to mount to the panel.



QFoca-G2, 4Ch Receptacle, Jam Nut, Internal Mount, Backshell, Mesh Grip, Hawke Gland, Dustcover:

QFOCA-G2-RMF

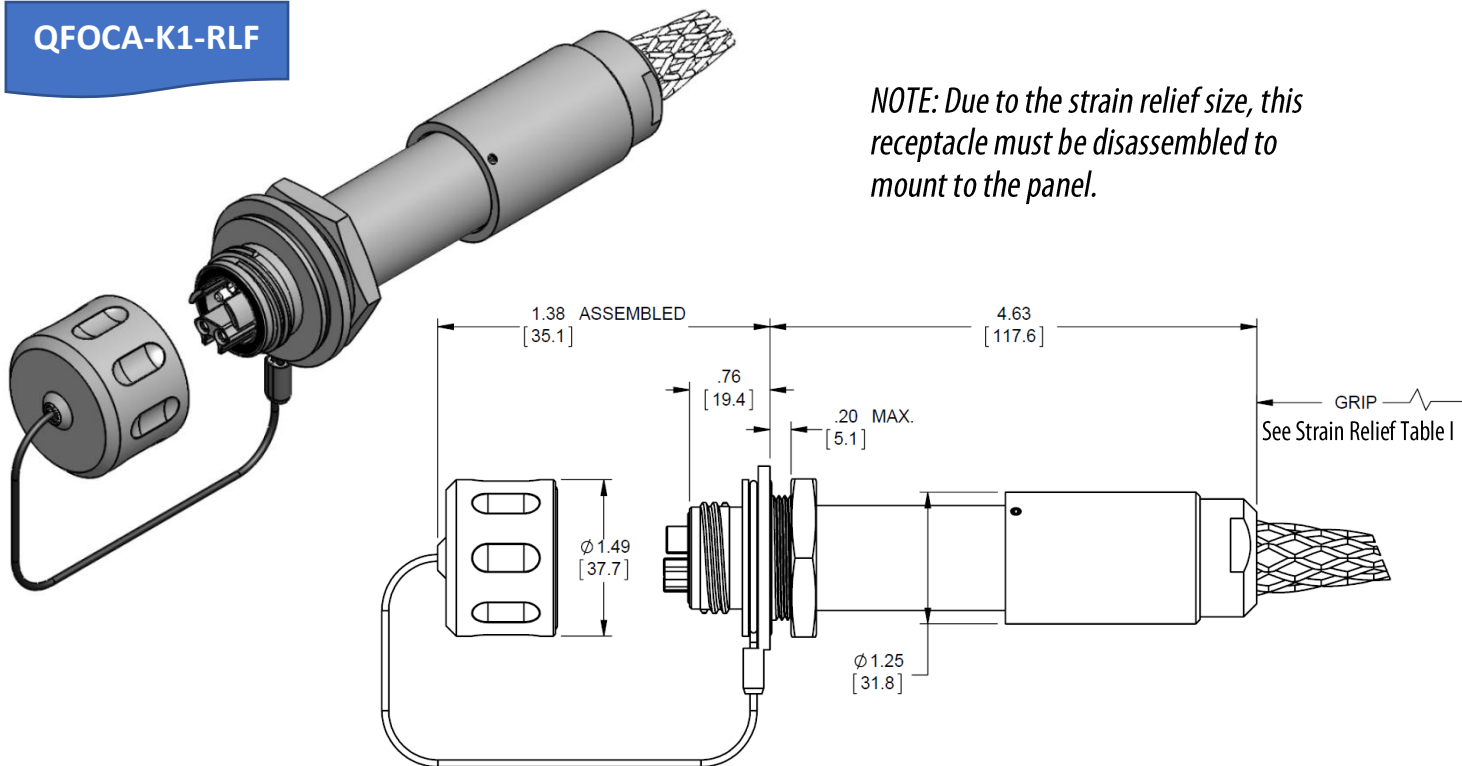


QFoca Hermaphroditic Tactical Connectors

QFoca-K1, 4Ch Receptacle, Jam Nut, External Mount, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

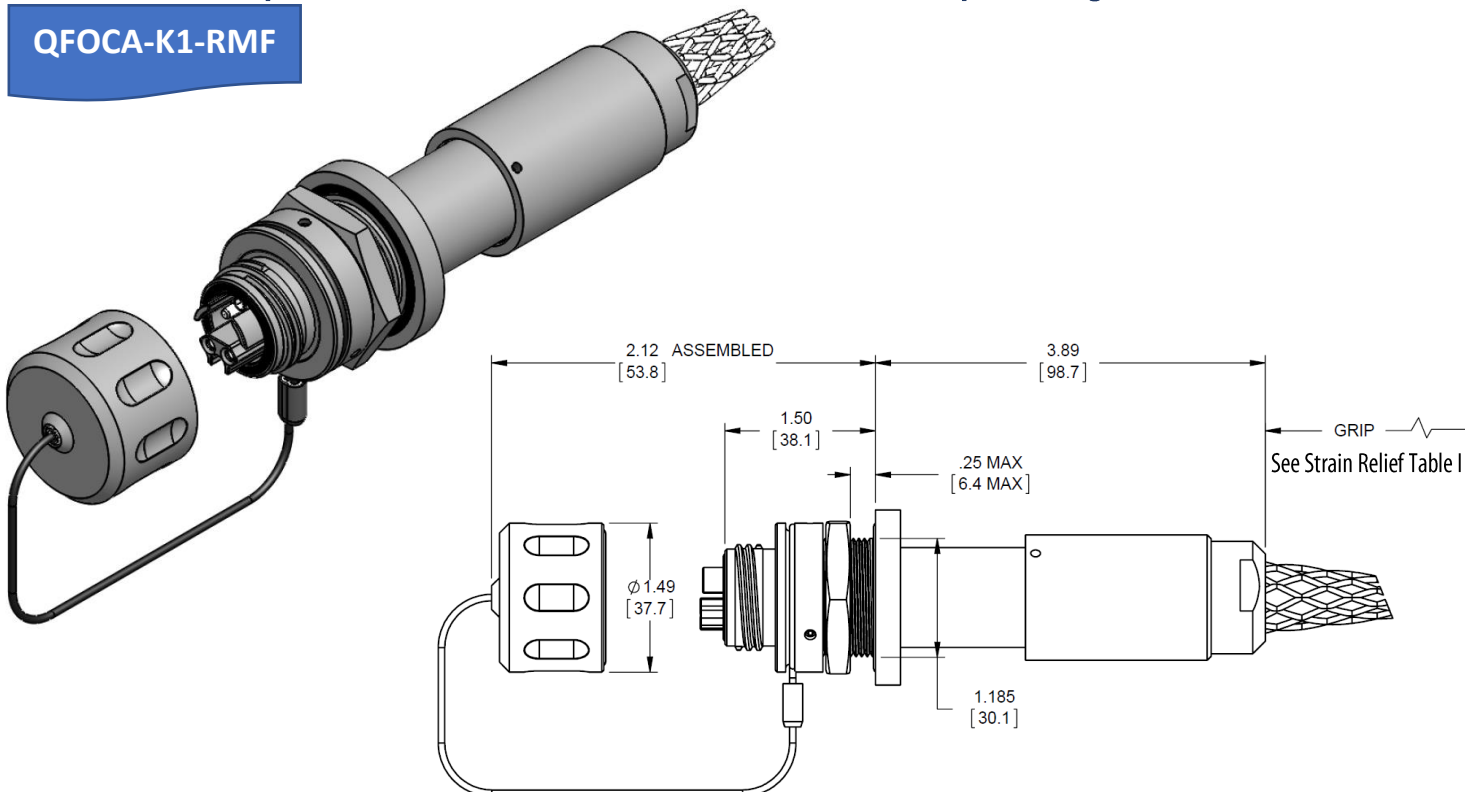
QFOCA-K1-RLF

NOTE: Due to the strain relief size, this receptacle must be disassembled to mount to the panel.

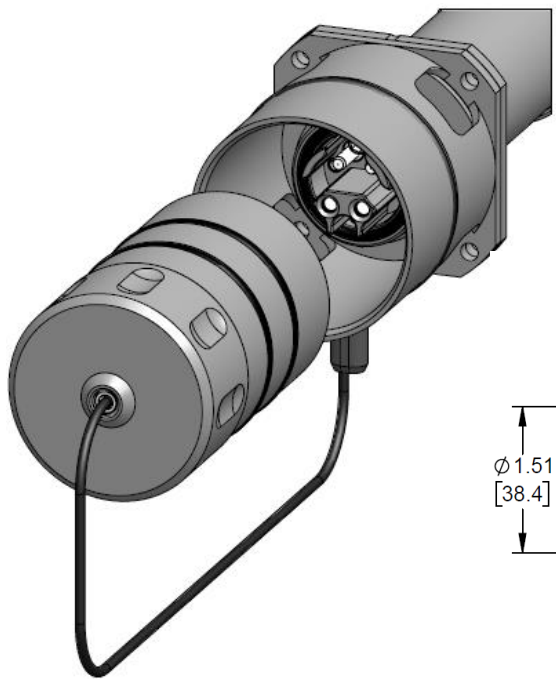


QFoca-K1, 4Ch Receptacle, Jam Nut, Internal Mount, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

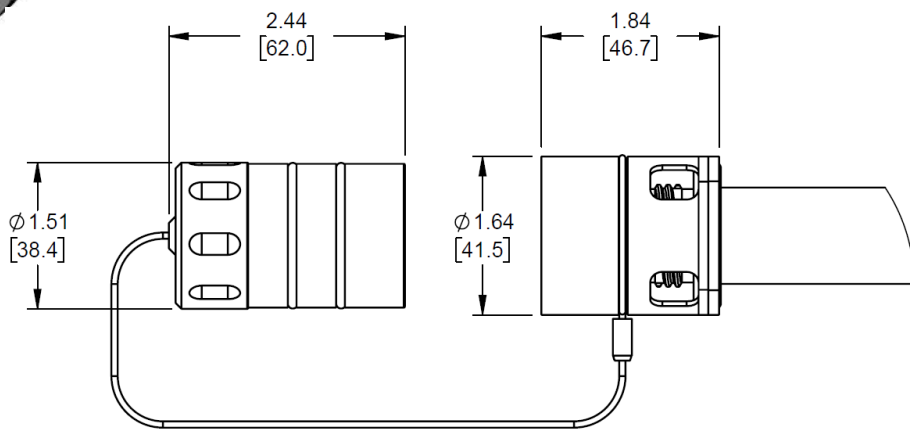
QFOCA-K1-RMF



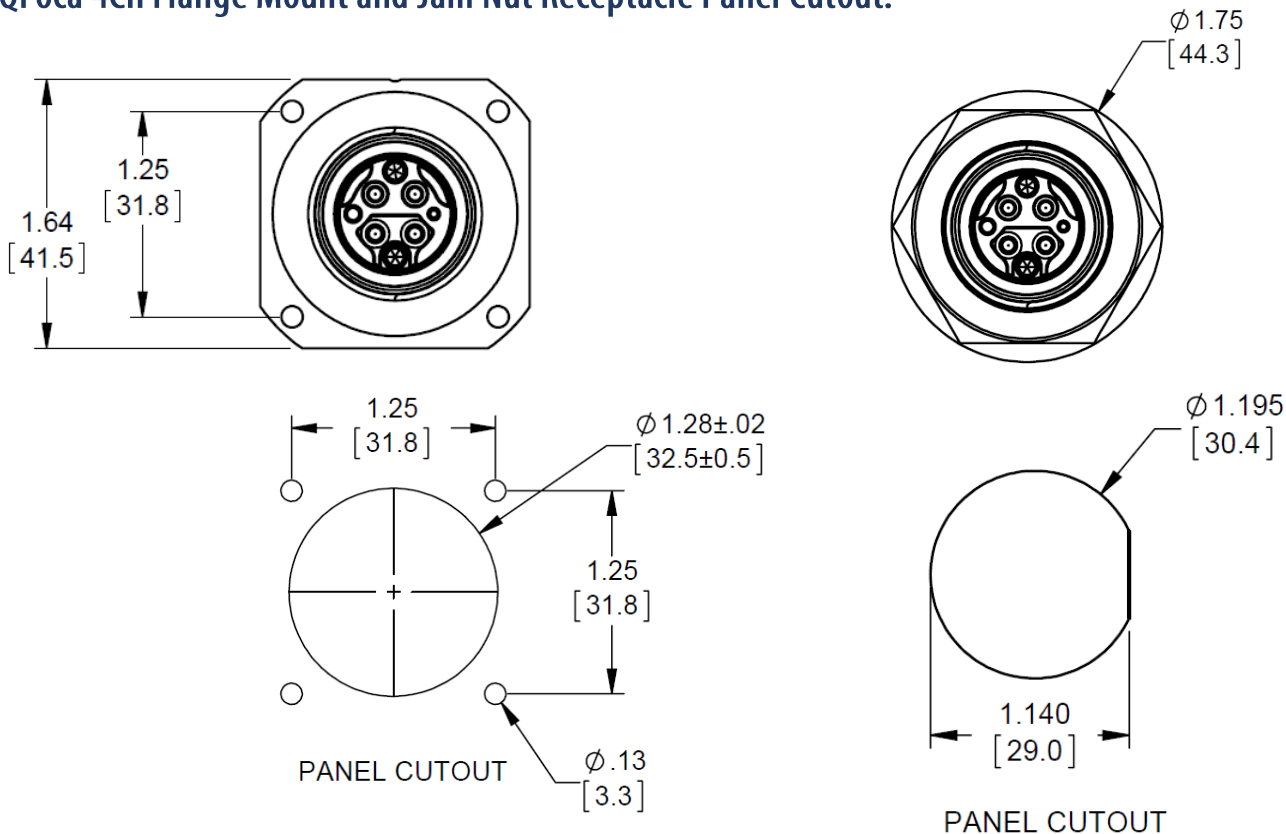
QFoca 4Ch Flange Mount Receptacle Shroud and Extended Female Dustcover:



Optional Receptacle Shrouds and Extended Female Dustcovers available for Flange Mount Receptacles. These can prevent damage due to side loading the plug when mating / de-mating QFoca connectors.

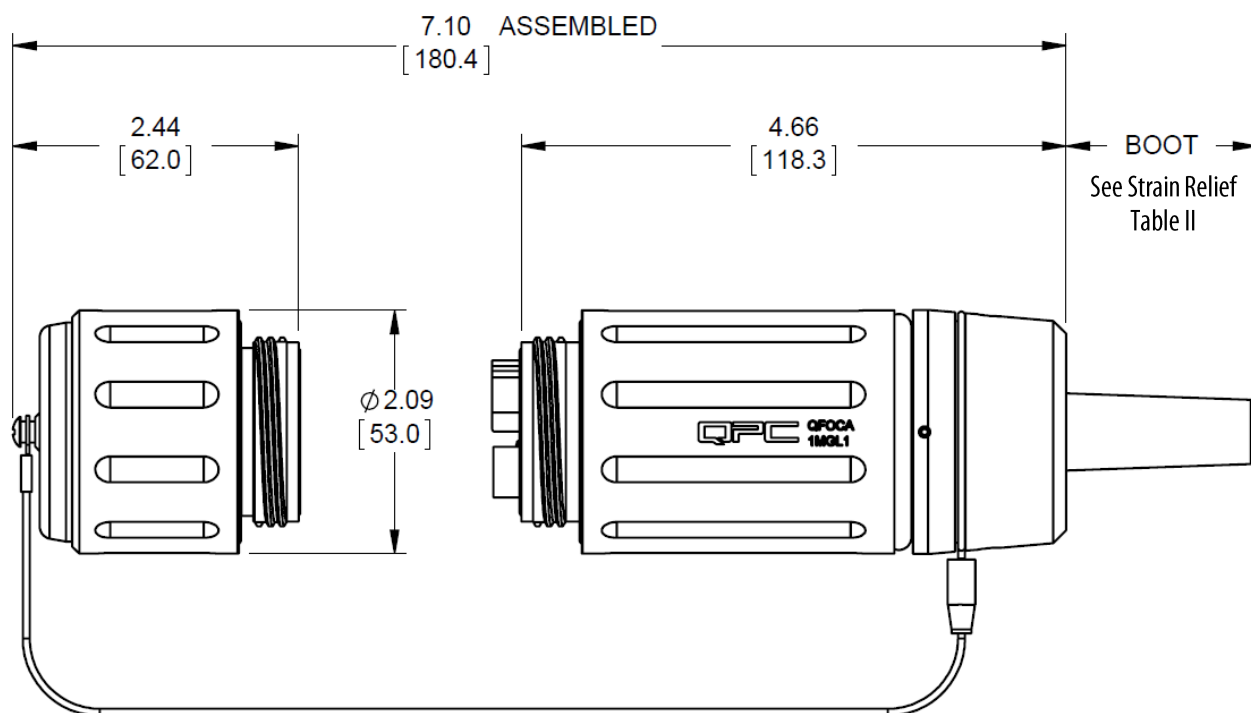


QFoca 4Ch Flange Mount and Jam Nut Receptacle Panel Cutout:



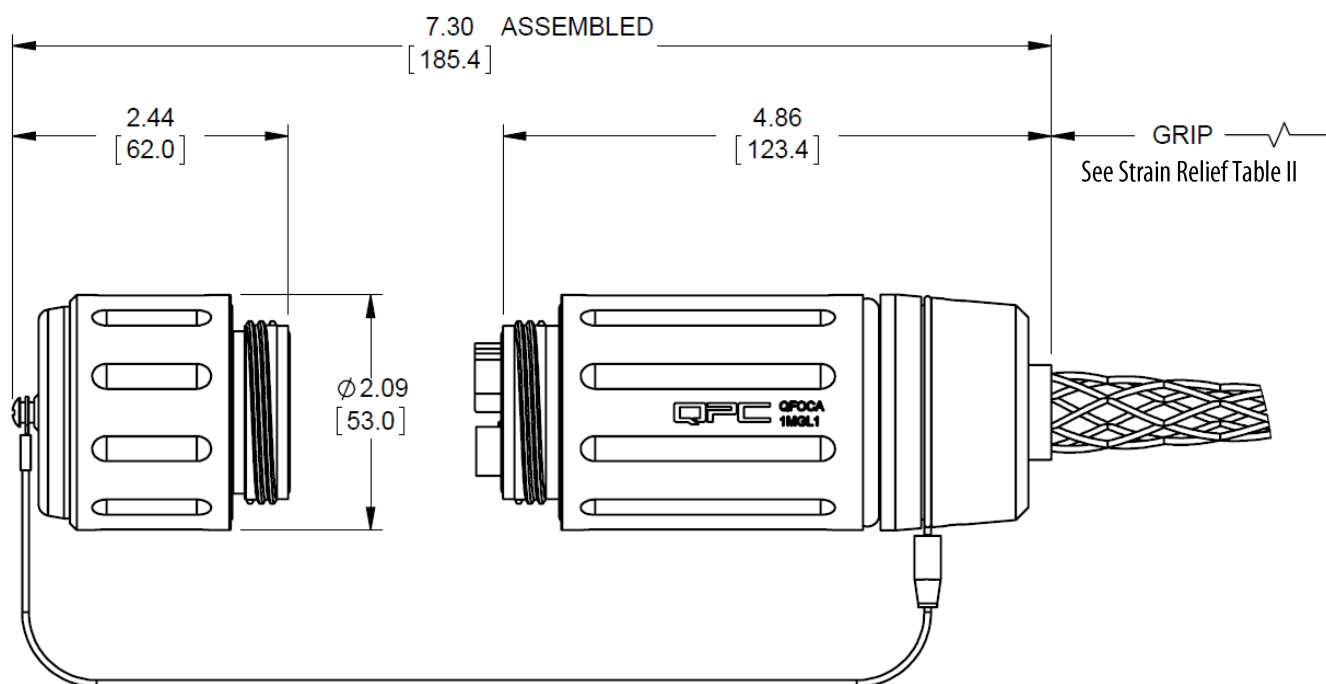
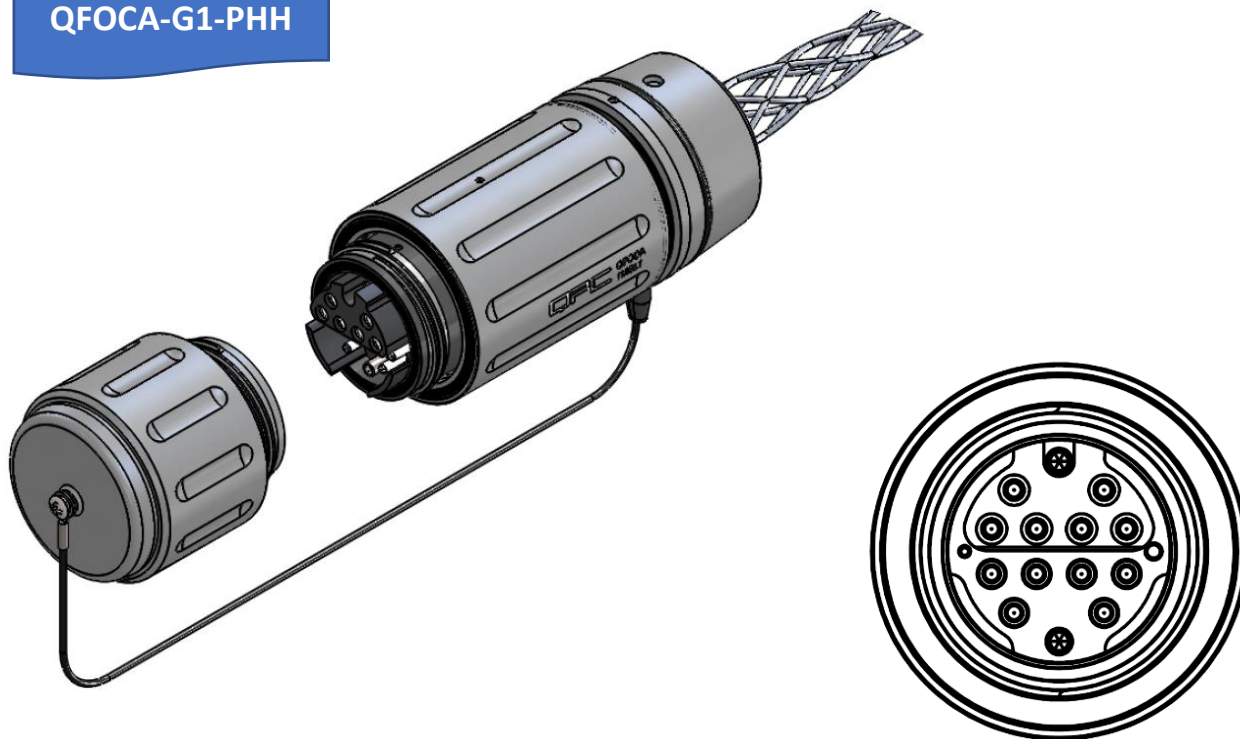
QFoca 12Ch Plug, Hermaphroditic, Backshell, Dustcover:

QFOCA-PHH



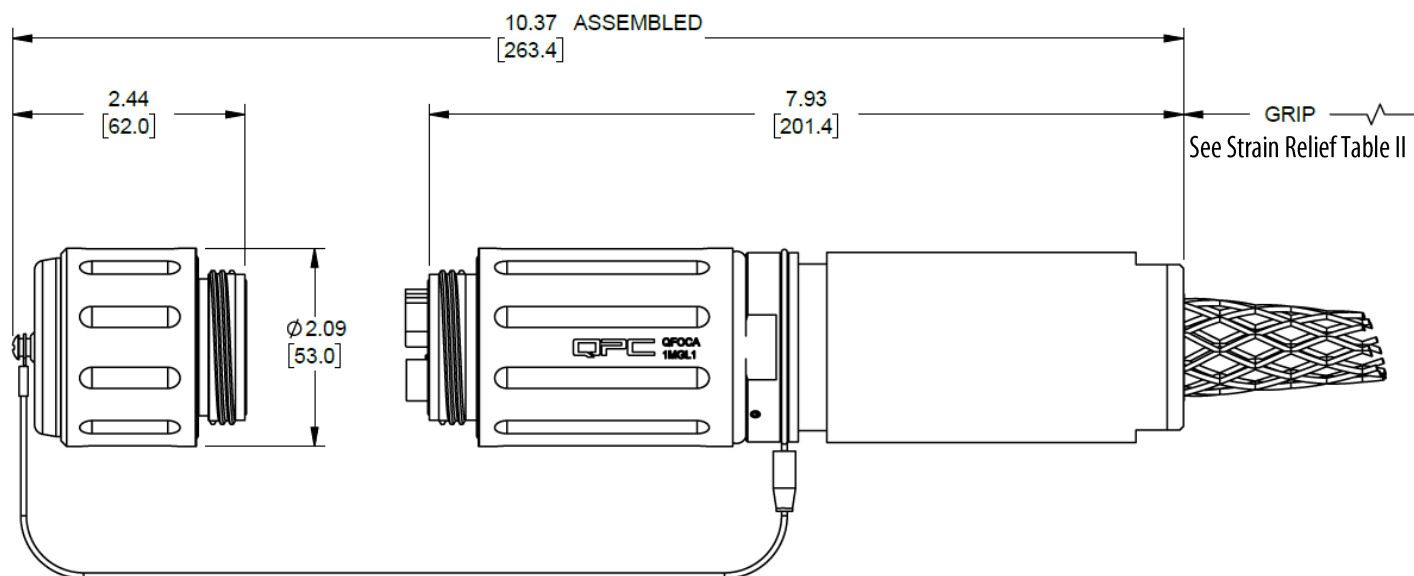
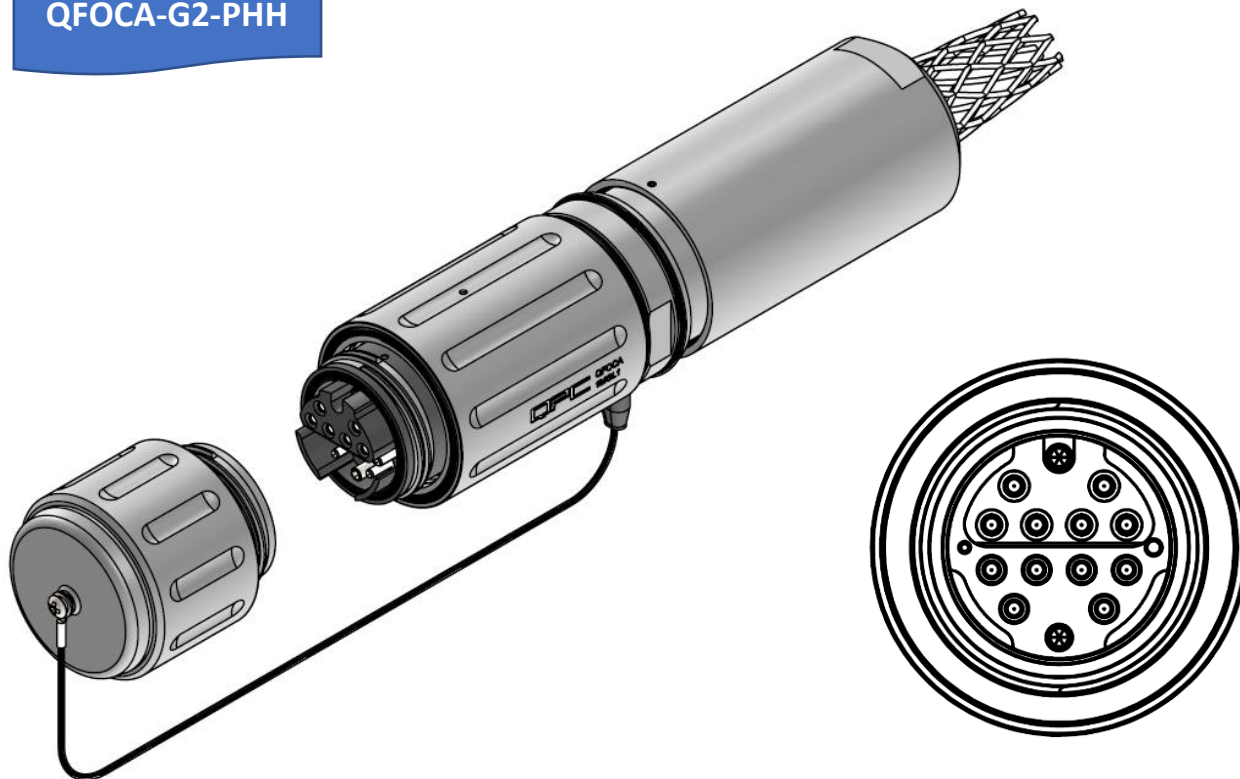
QFoca-G1, 12Ch Plug, Hermaphroditic, Backshell, Mesh Grip, Dustcover:

QFOCA-G1-PHH



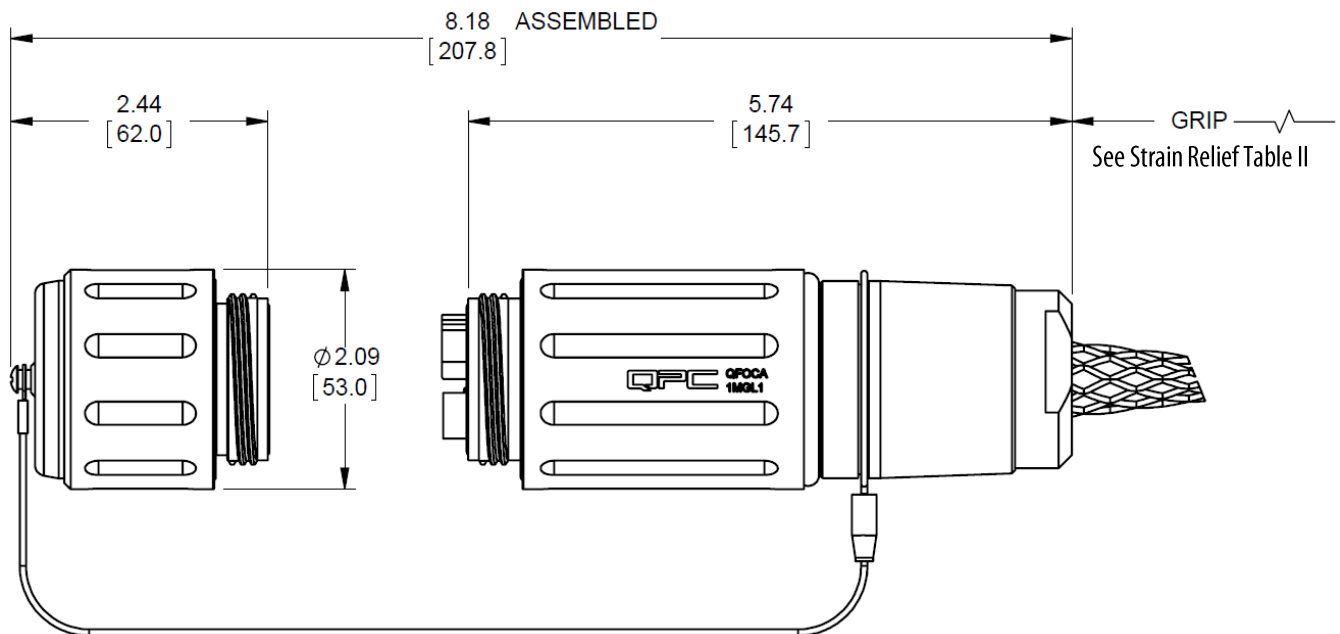
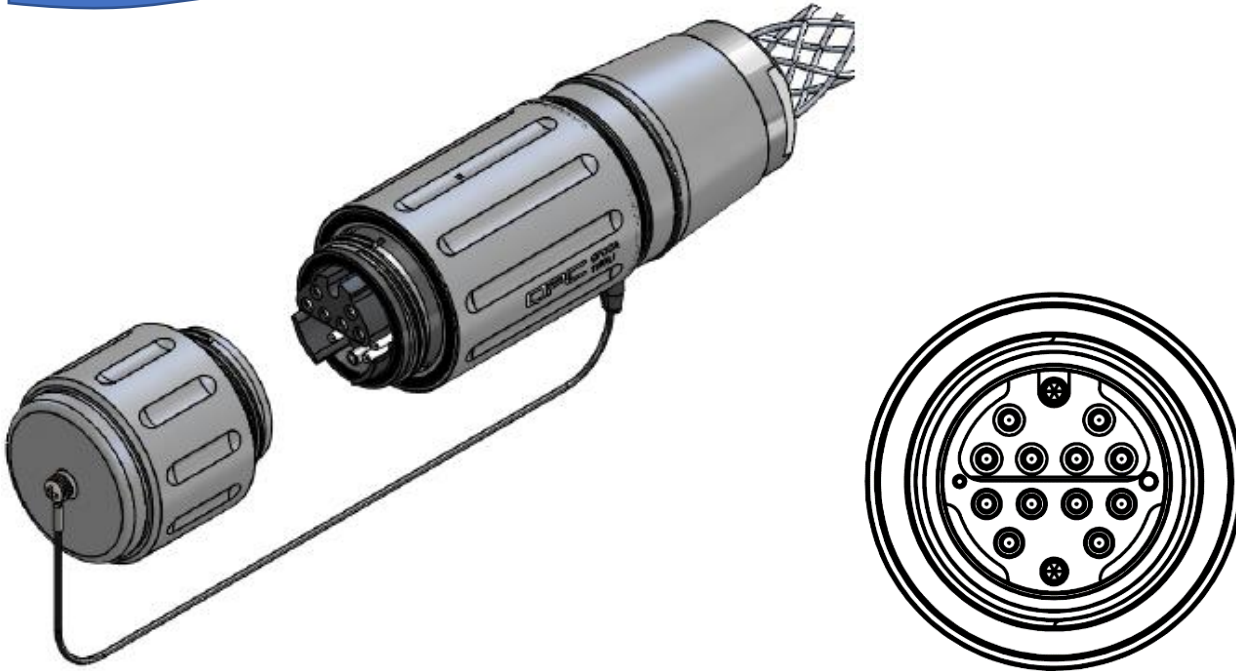
QFoca-G2, 12Ch Plug, Hermaphroditic, Backshell, Mesh Grip, Hawke Gland, Dustcover:

QFOCA-G2-PHH



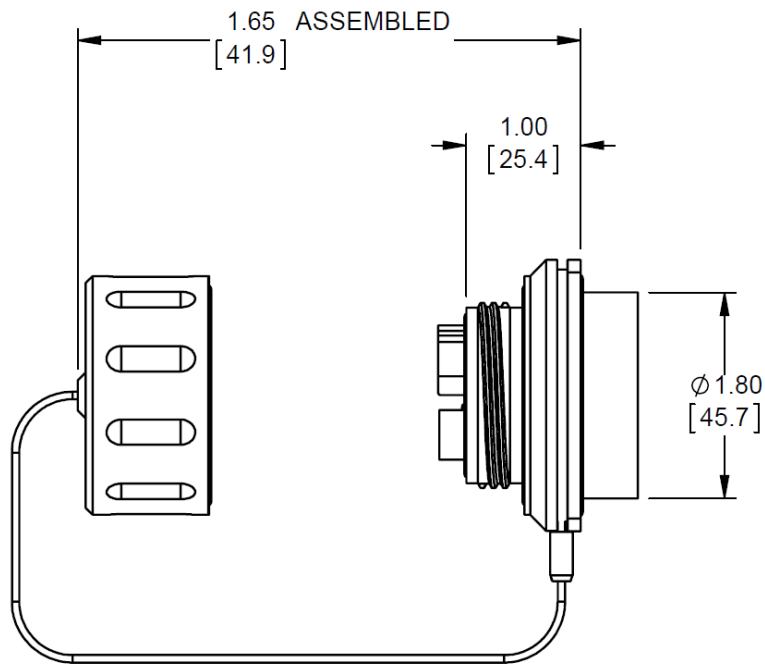
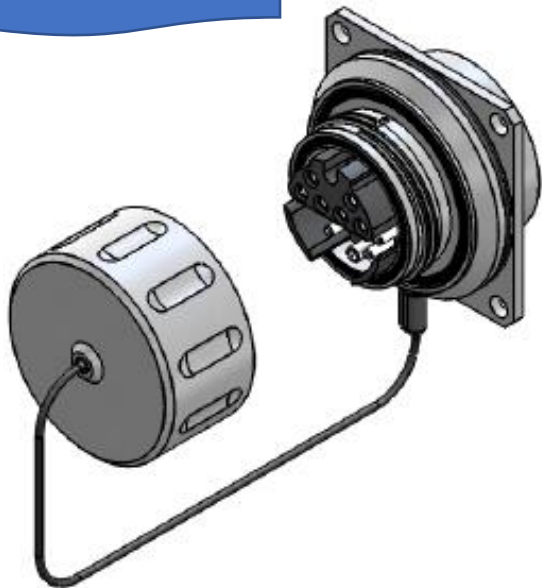
QFoca-K1, 12Ch Plug, Hermaphroditic, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

QFOCA-K1-PHH



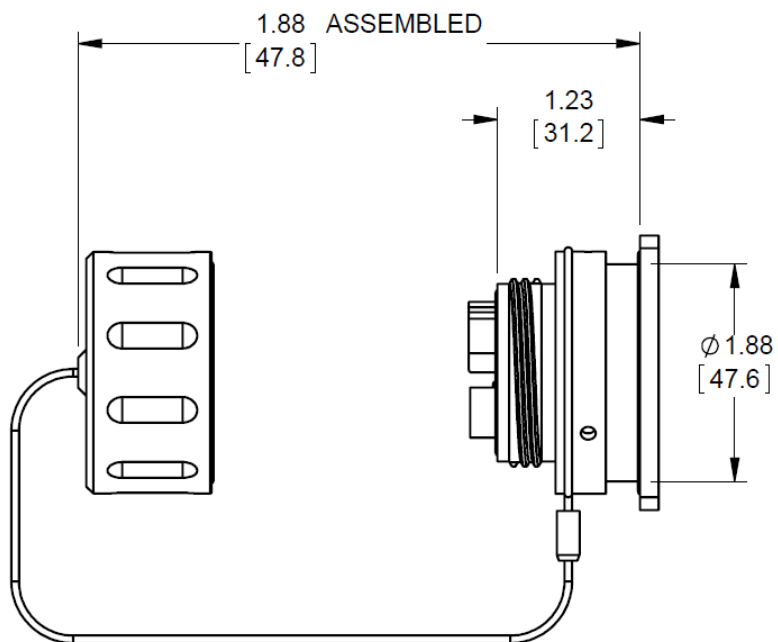
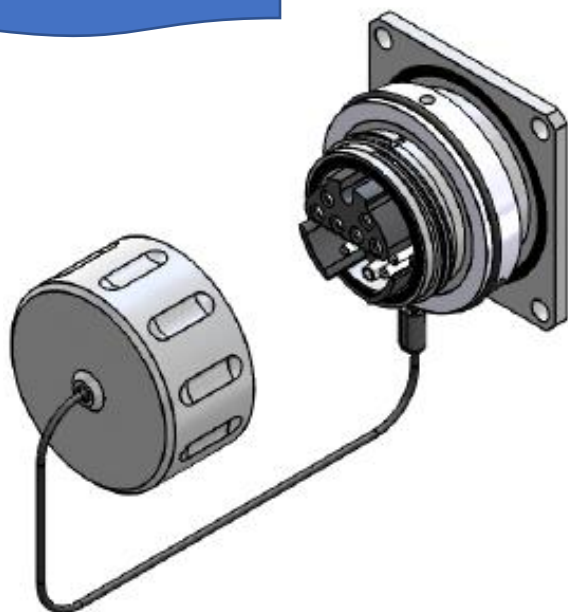
QFoca 12Ch Receptacle, Flange, External Mount, Dustcover:

QFOCA-RFF



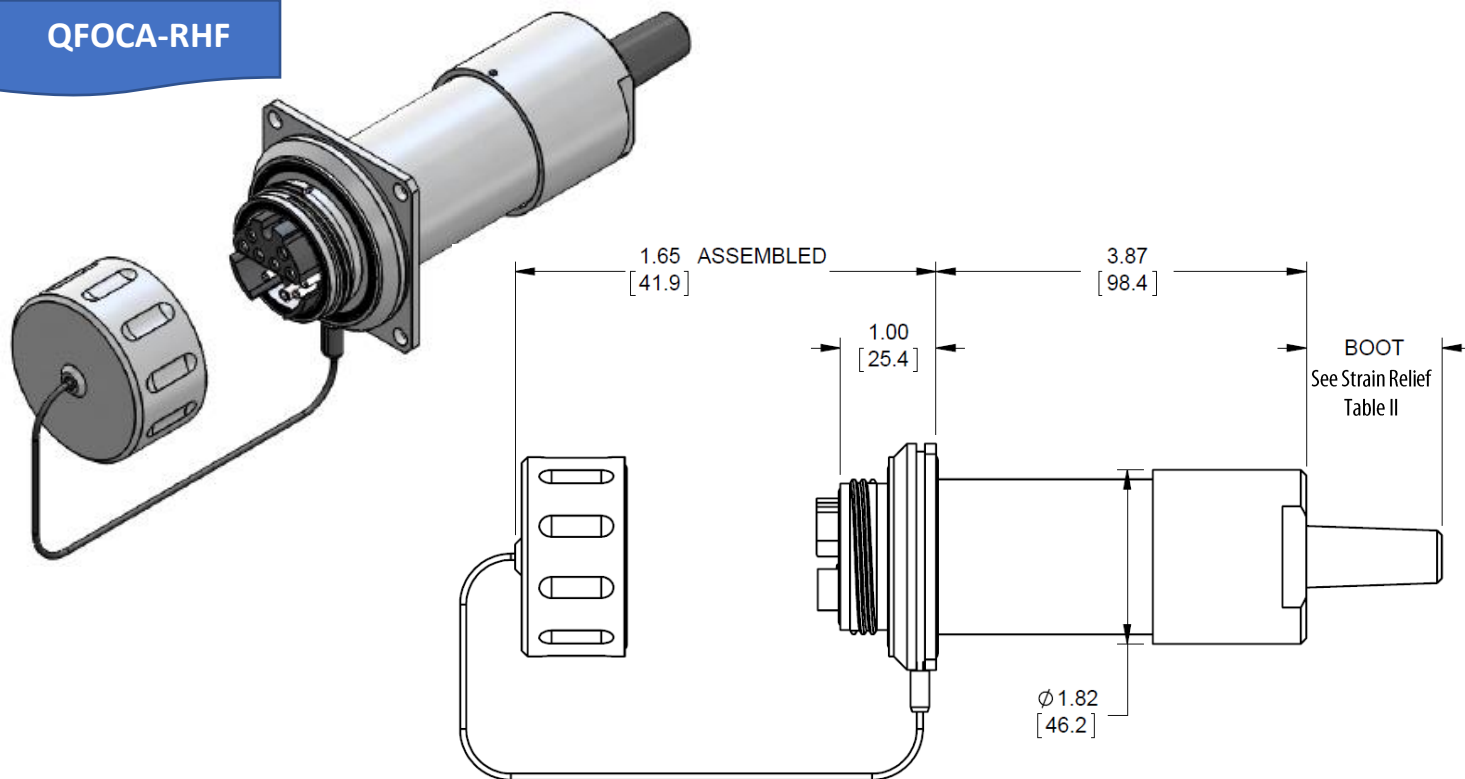
QFoca 12Ch Receptacle, Flange, Internal Mount, Dustcover:

QFOCA-RGF



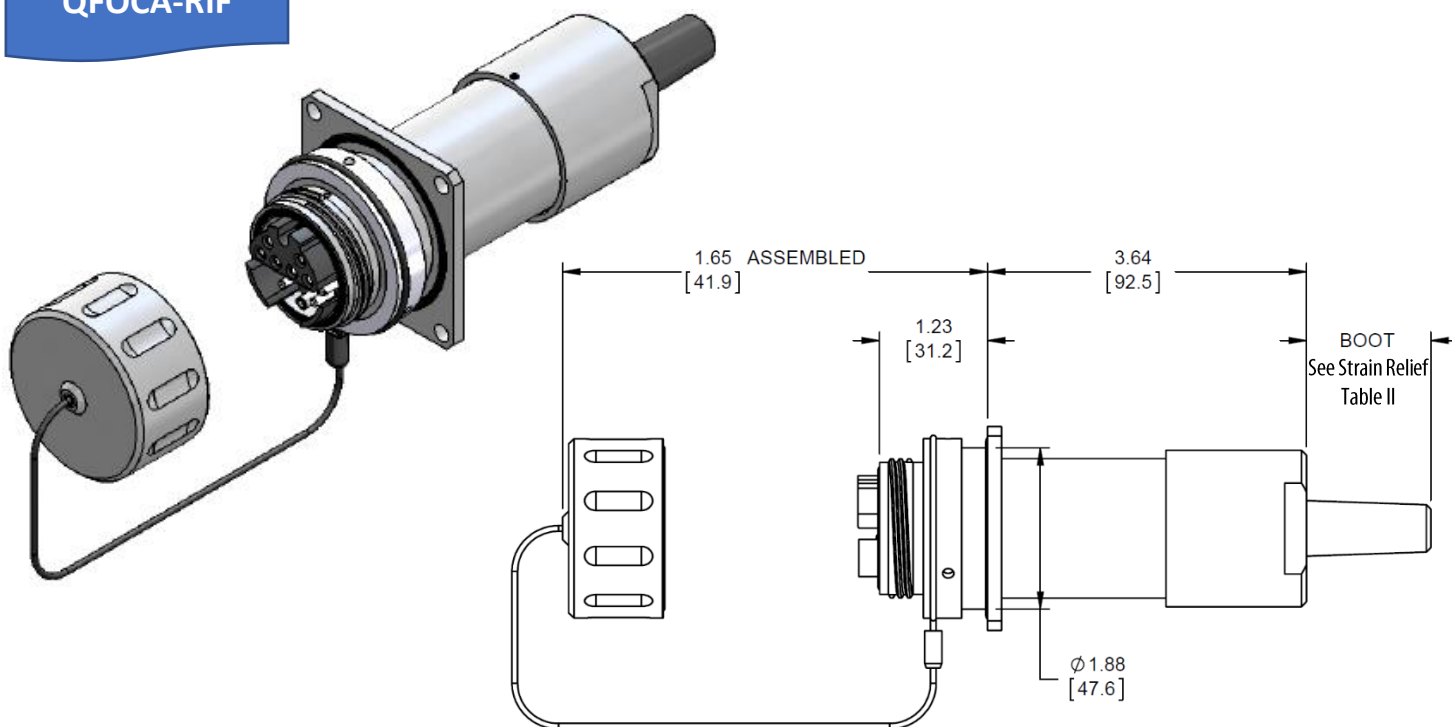
QFoca 12Ch Receptacle, Flange, External Mount, Backshell, Dustcover:

QFOCA-RHF



QFoca 12Ch Receptacle, Flange, Internal Mount, Backshell, Dustcover:

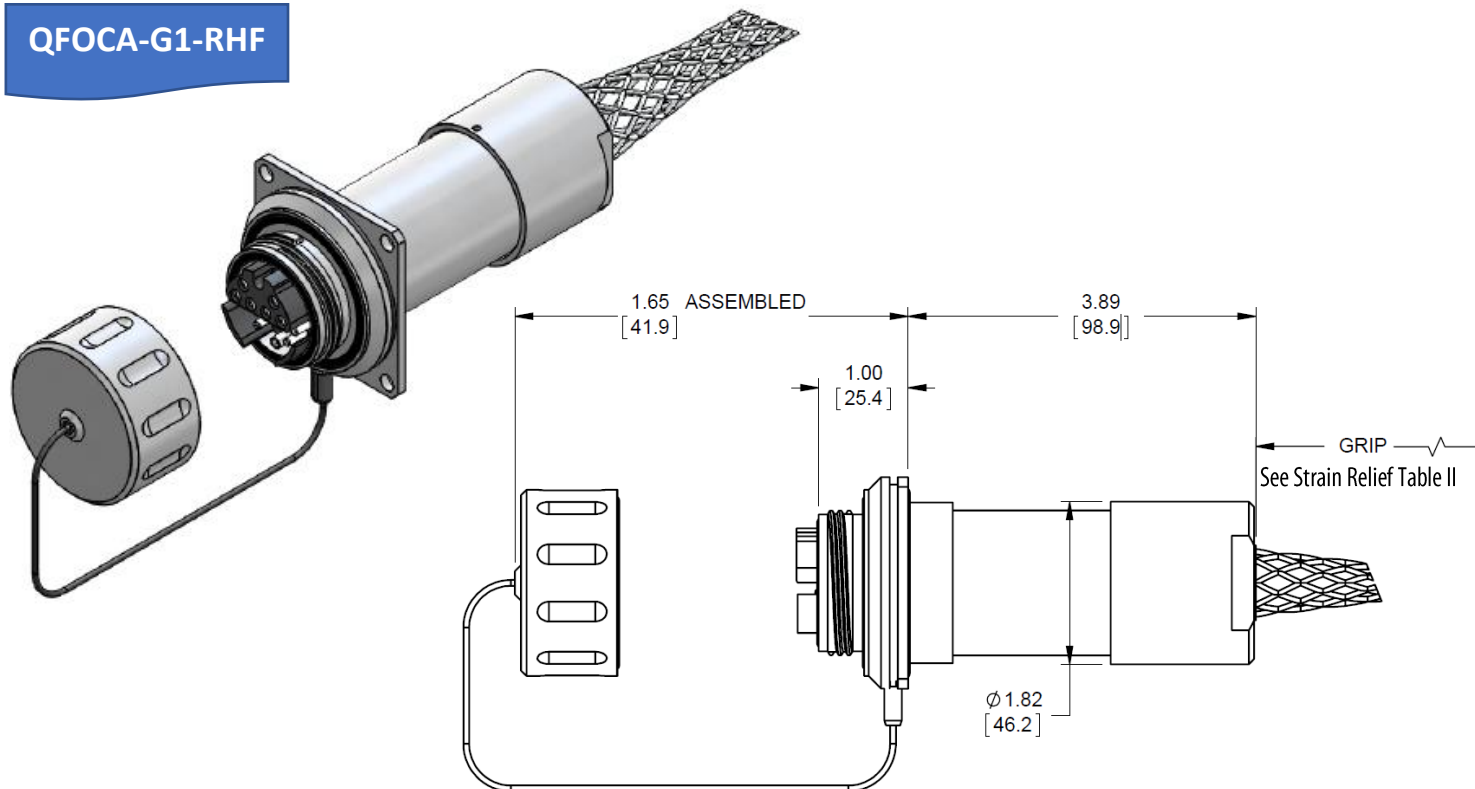
QFOCA-RIF



QFoca Hermaphroditic Tactical Connectors

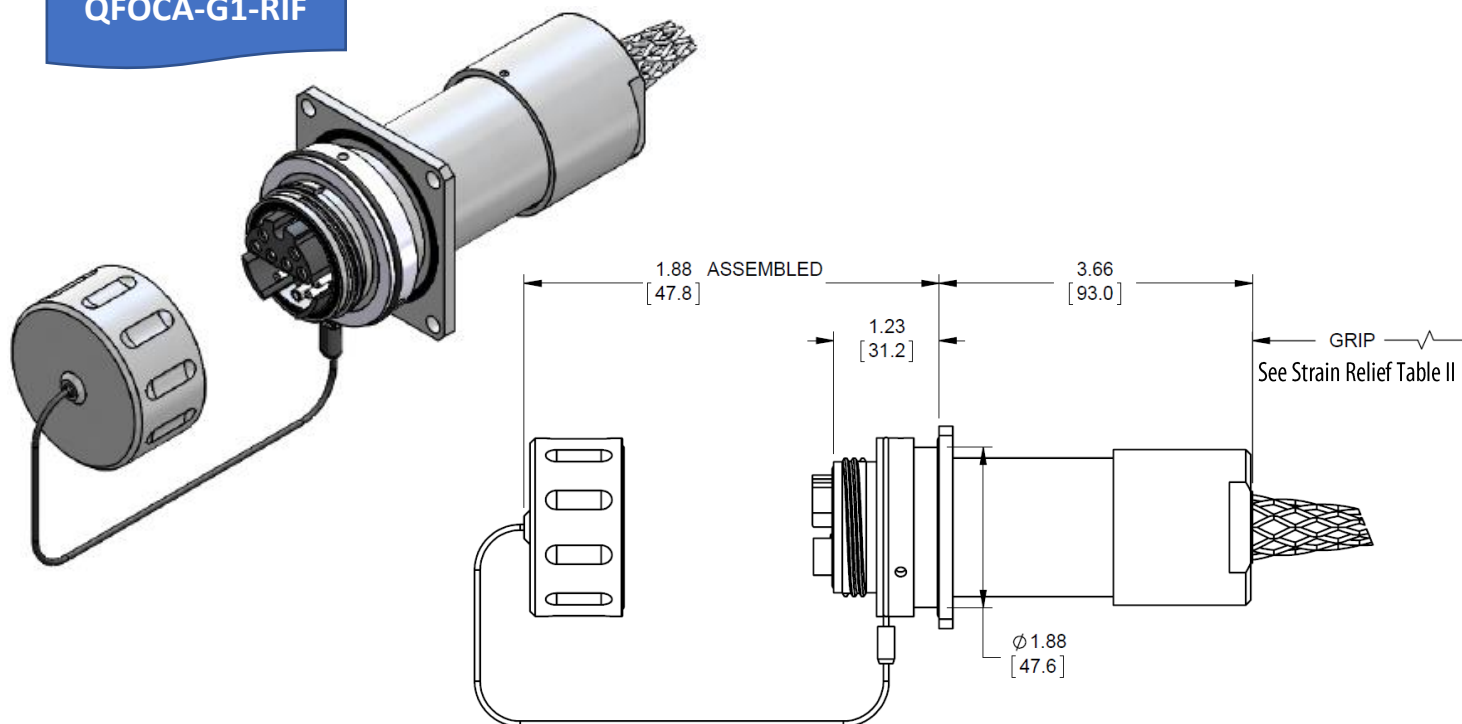
QFoca-G1, 12Ch Receptacle, Flange, External Mount, Backshell, Mesh Grip, Dustcover:

QFOCA-G1-RHF



QFoca-G1, 12Ch Receptacle, Flange, Internal Mount, Backshell, Mesh Grip, Dustcover:

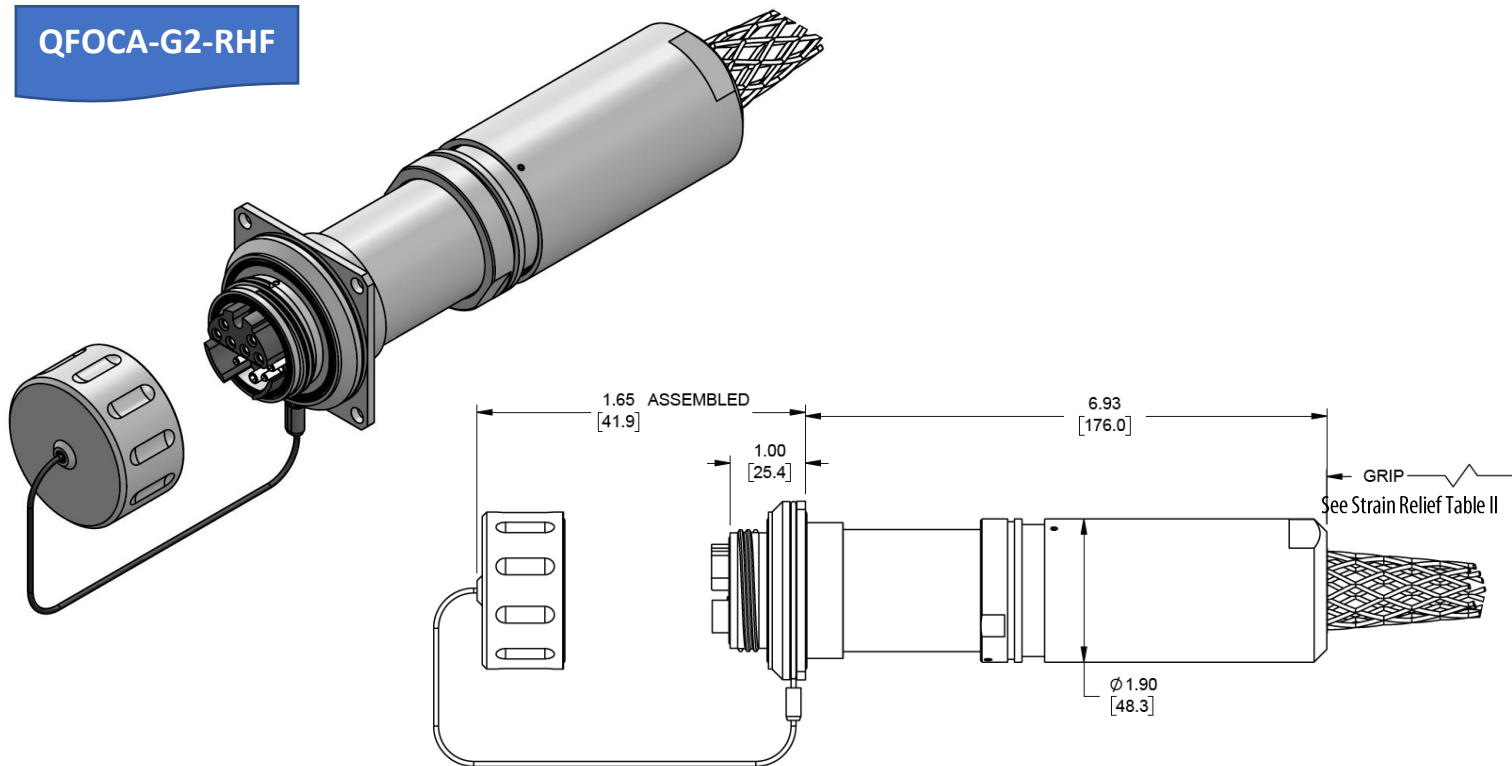
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QFoca Hermaphroditic Tactical Connectors

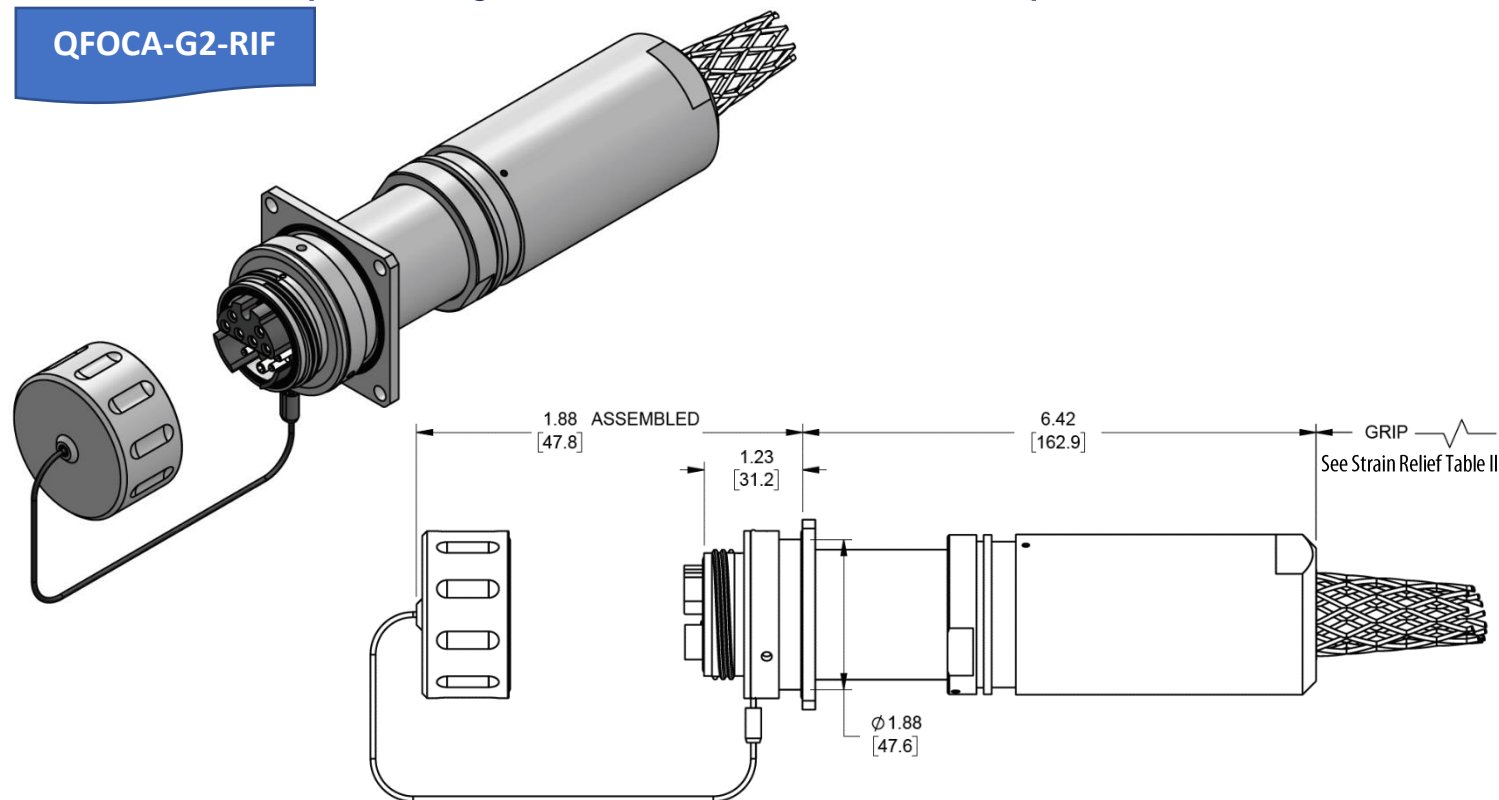
QFoca-G2, 12Ch Receptacle, Flange, External Mount, Backshell, Mesh Grip, Hawke Gland, Dustcover:

QFOCA-G2-RHF



QFoca-G2, 12Ch Receptacle, Flange, Internal Mount, Backshell, Mesh Grip, Hawke Gland, Dustcover:

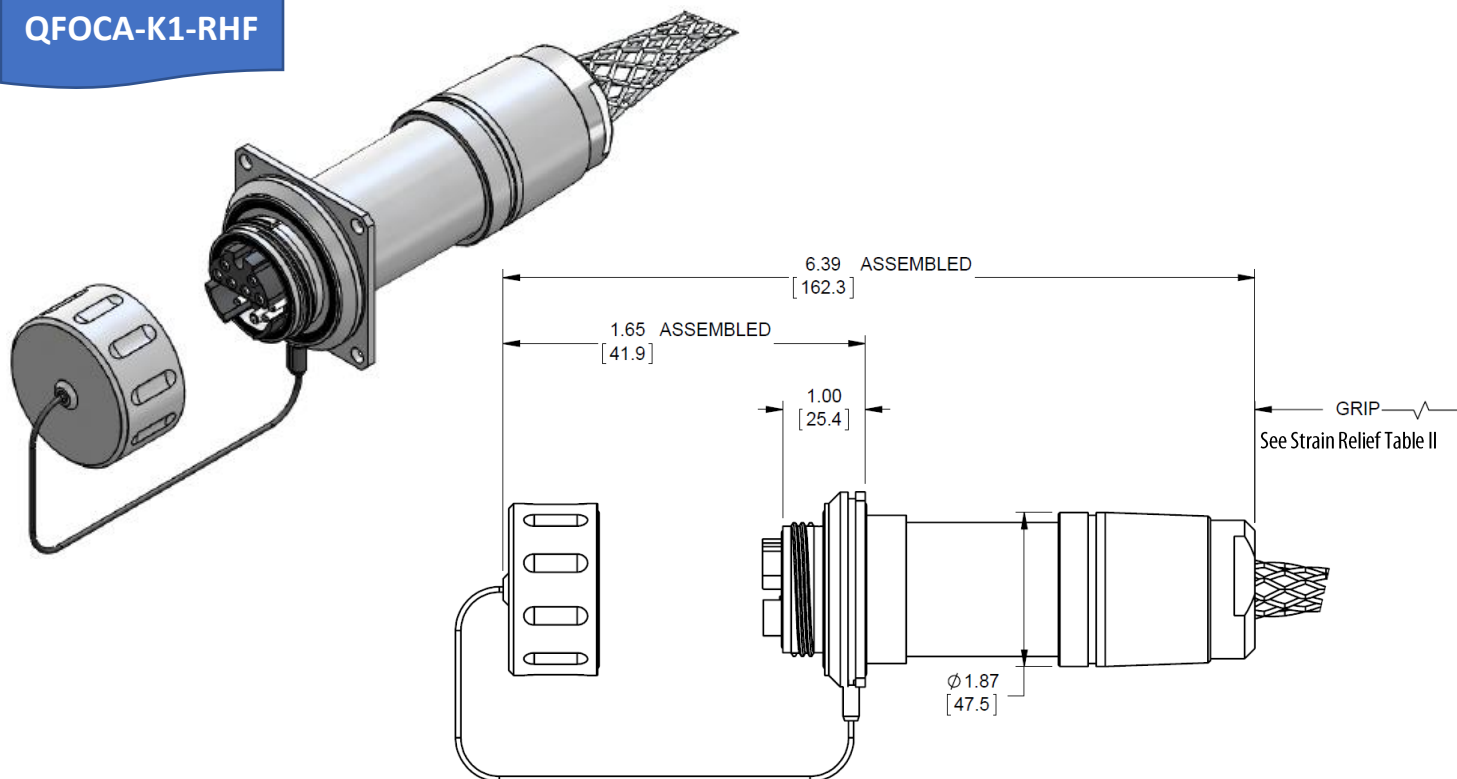
QFOCA-G2-RIF



QFoca Hermaphroditic Tactical Connectors

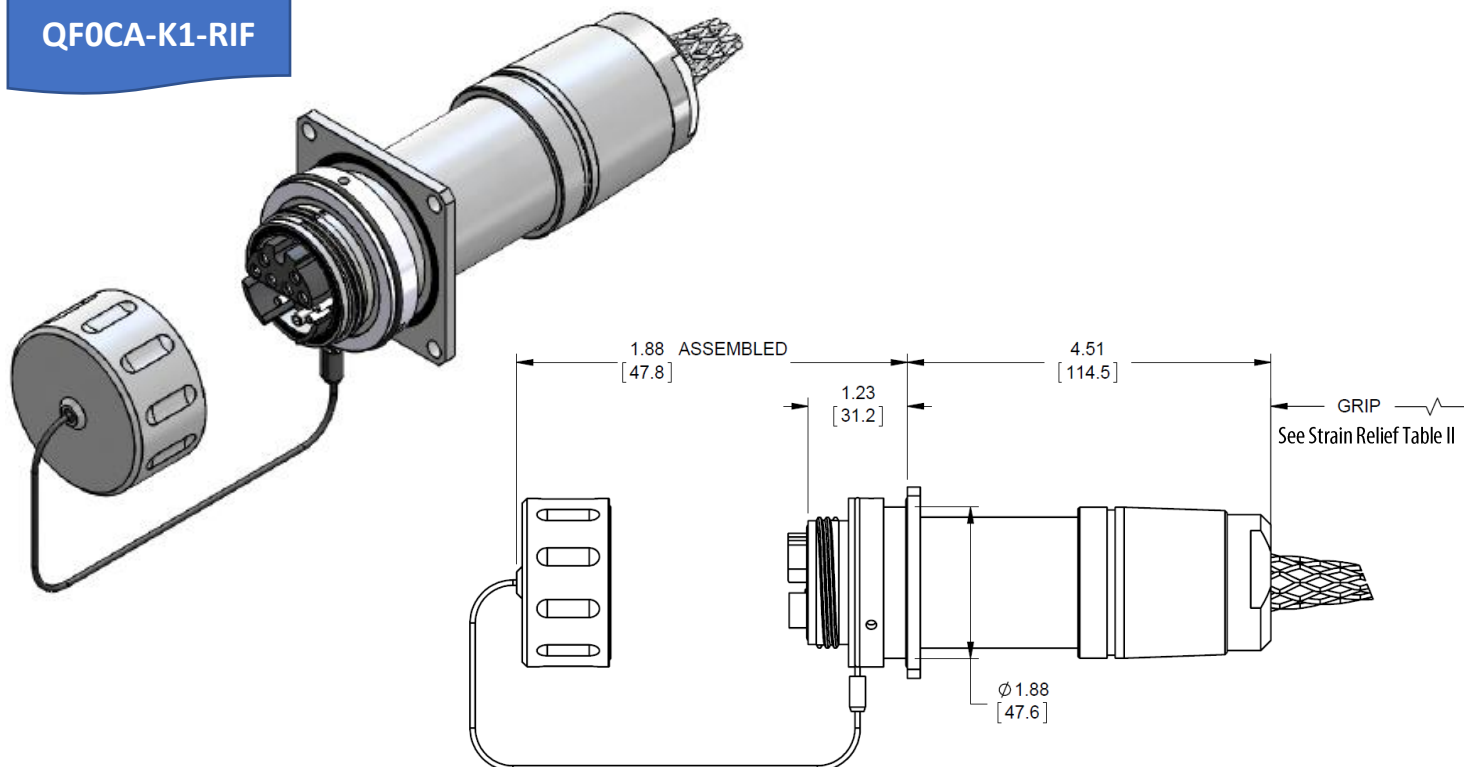
QFoca-K1, 12Ch Receptacle, Flange, External Mount, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

QFOCA-K1-RHF



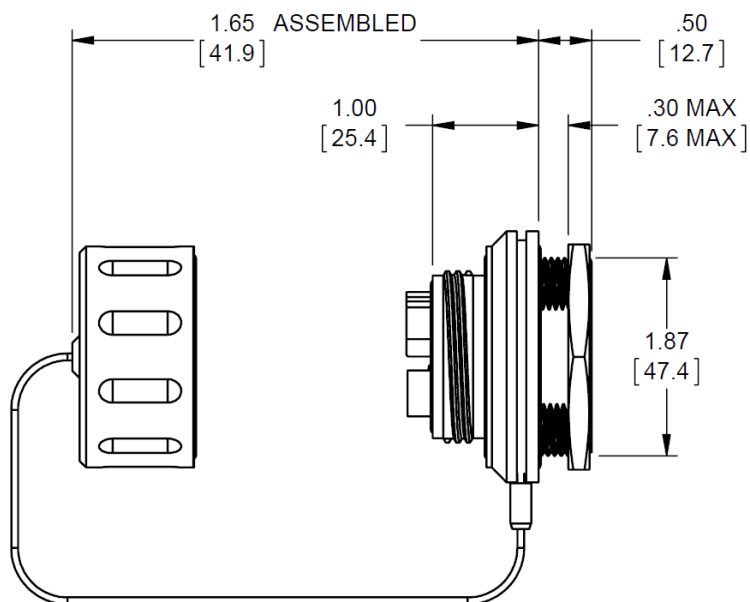
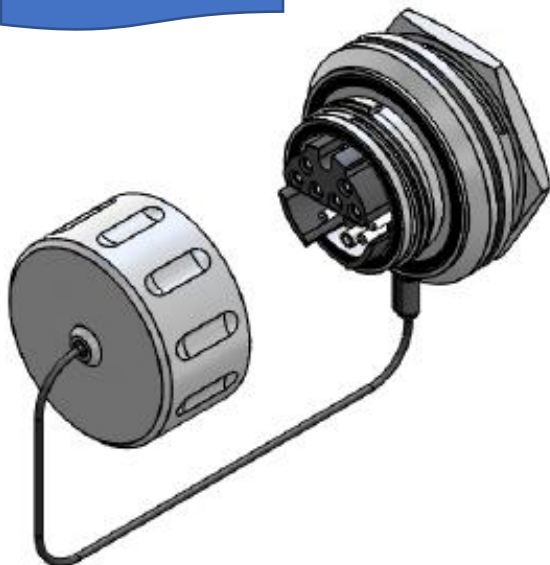
QFoca-K1, 12Ch Receptacle, Flange, Internal Mount, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

QFOCA-K1-RIF



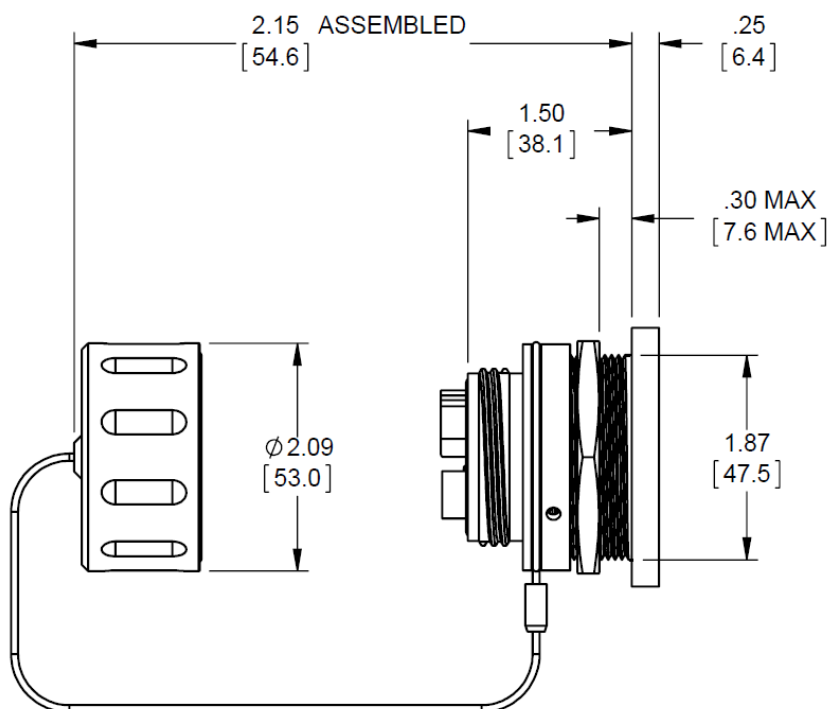
QFoca 12Ch Receptacle, Jam Nut, External Mount, Dustcover:

QFOCA-RJF



QFoca 12Ch Receptacle, Jam Nut, Internal Mount, Dustcover:

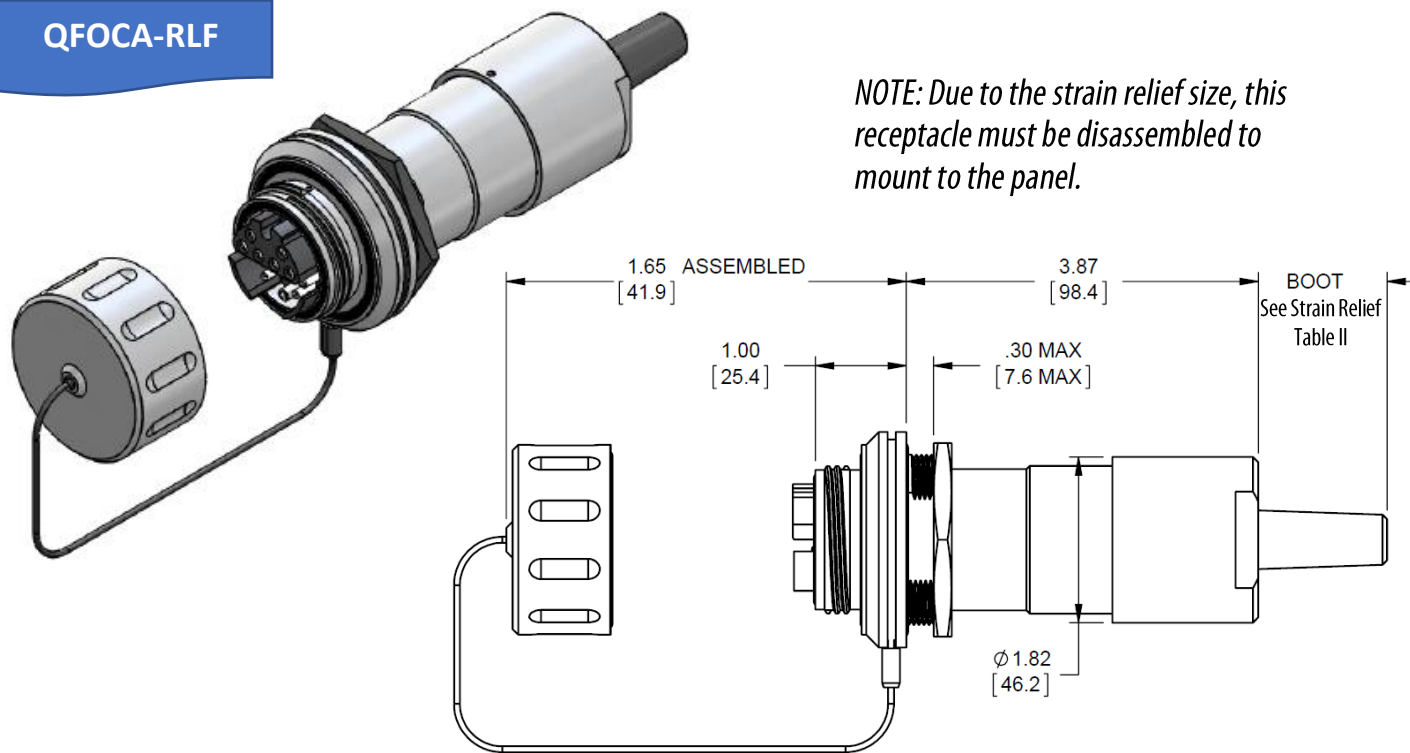
QFOCA-RKF



QFoca 12Ch Receptacle, Jam Nut, External Mount, Backshell, Dustcover:

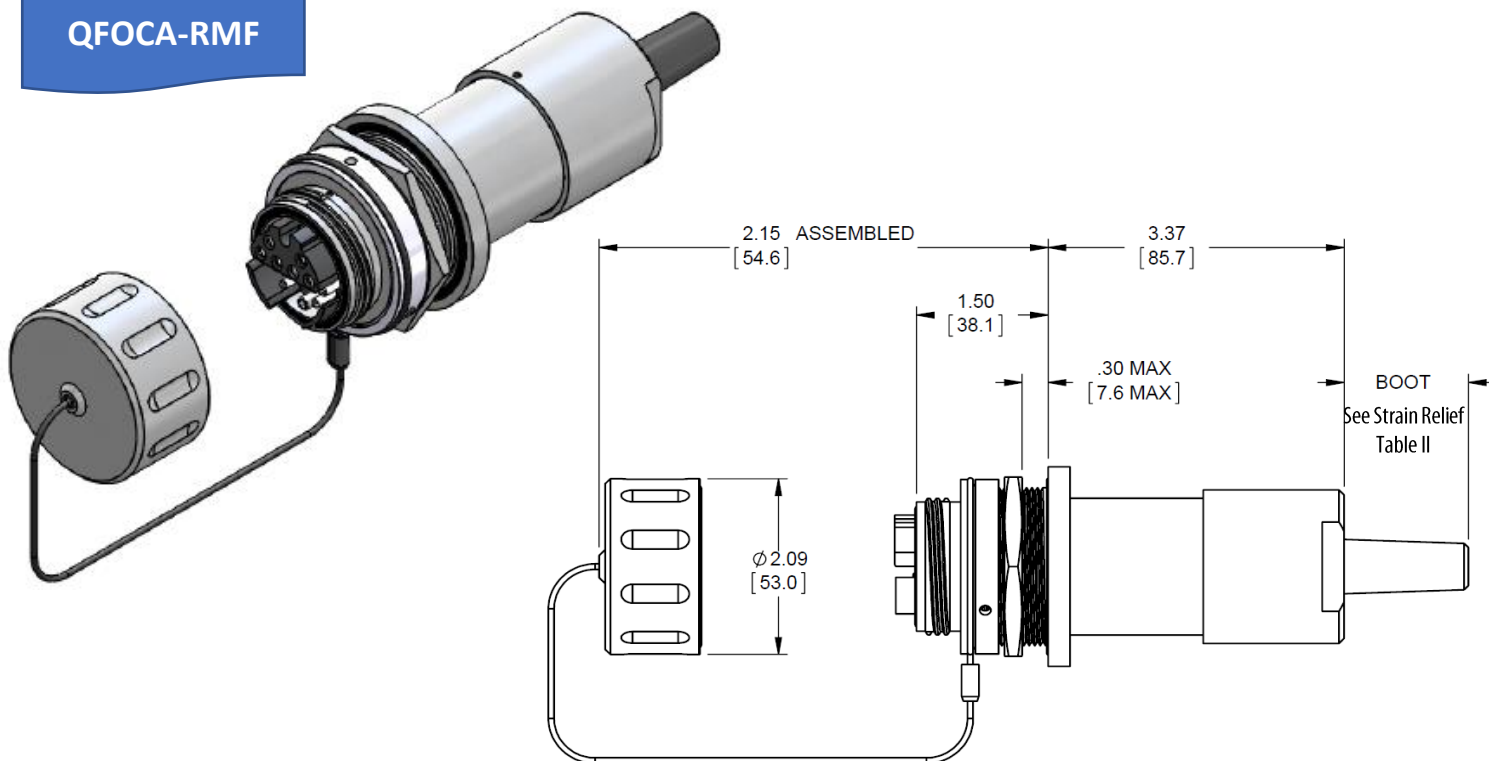
QFOCA-RLF

NOTE: Due to the strain relief size, this receptacle must be disassembled to mount to the panel.



QFoca 12Ch Receptacle, Jam Nut, Internal Mount, Backshell, Dustcover:

QFOCA-RMF

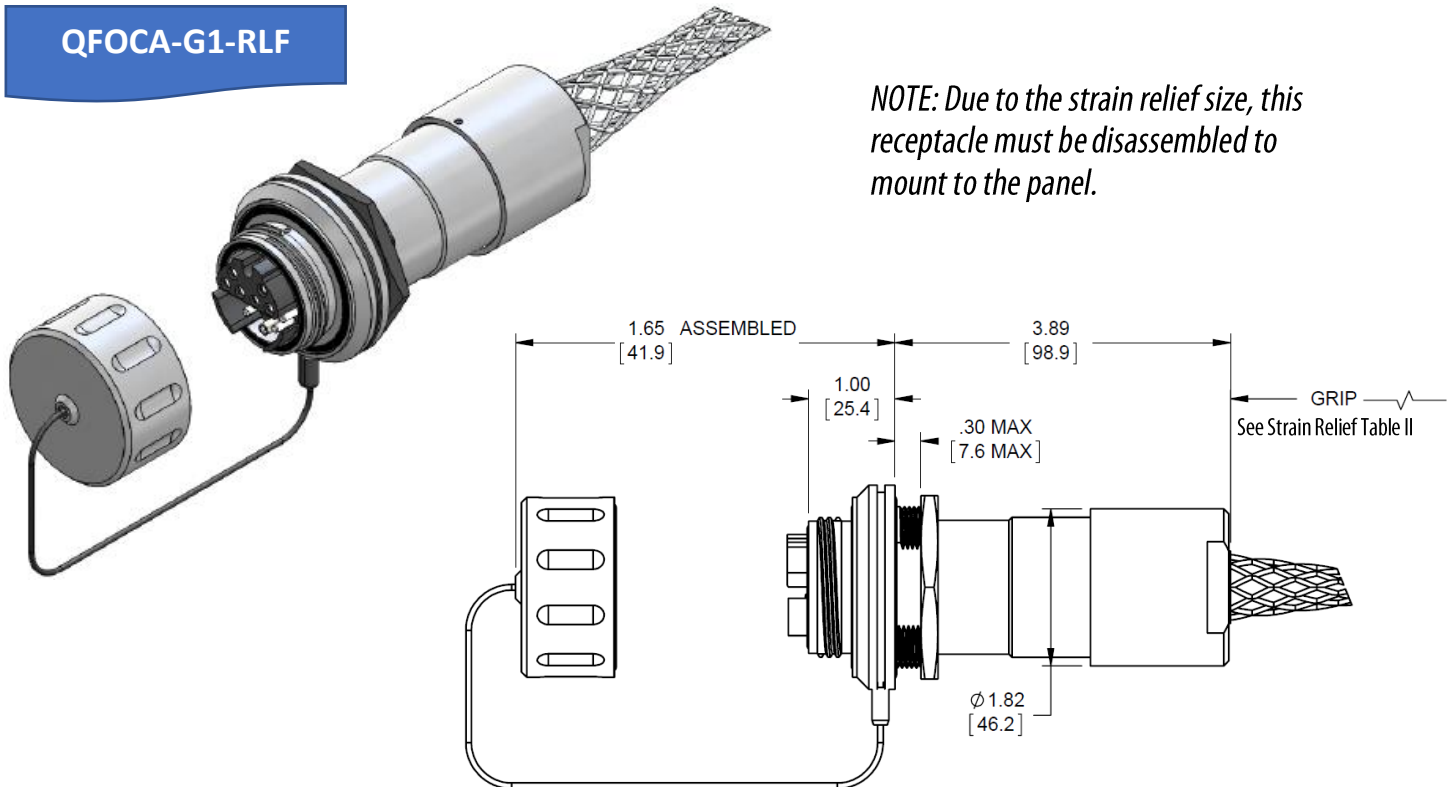


QFoca Hermaphroditic Tactical Connectors

QFoca-G1, 12Ch Receptacle, Jam Nut, External Mount, Backshell, Mesh Grip, Dustcover:

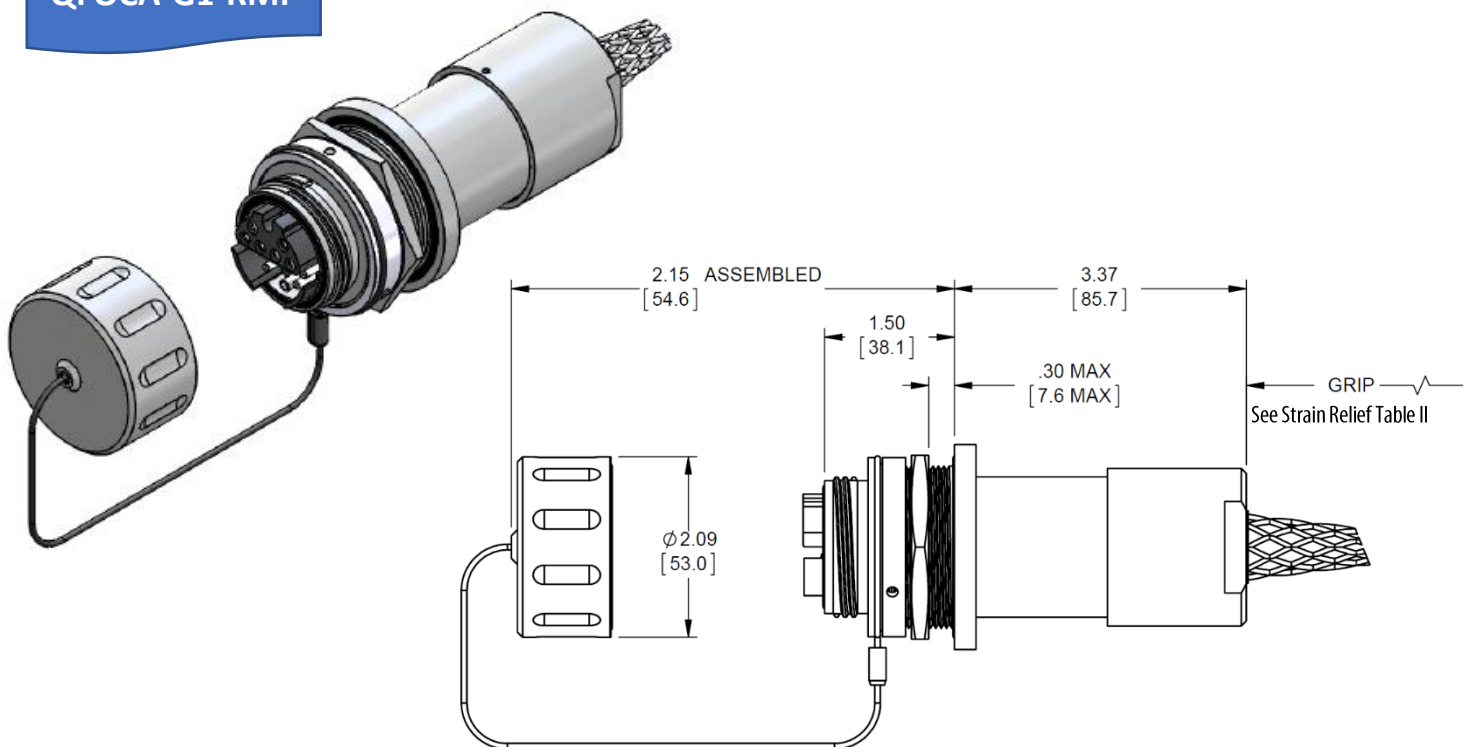
QFOCA-G1-RLF

NOTE: Due to the strain relief size, this receptacle must be disassembled to mount to the panel.



QFoca-G1, 12Ch Receptacle, Jam Nut, Internal Mount, Backshell, Mesh Grip, Dustcover:

QFOCA-G1-RMF

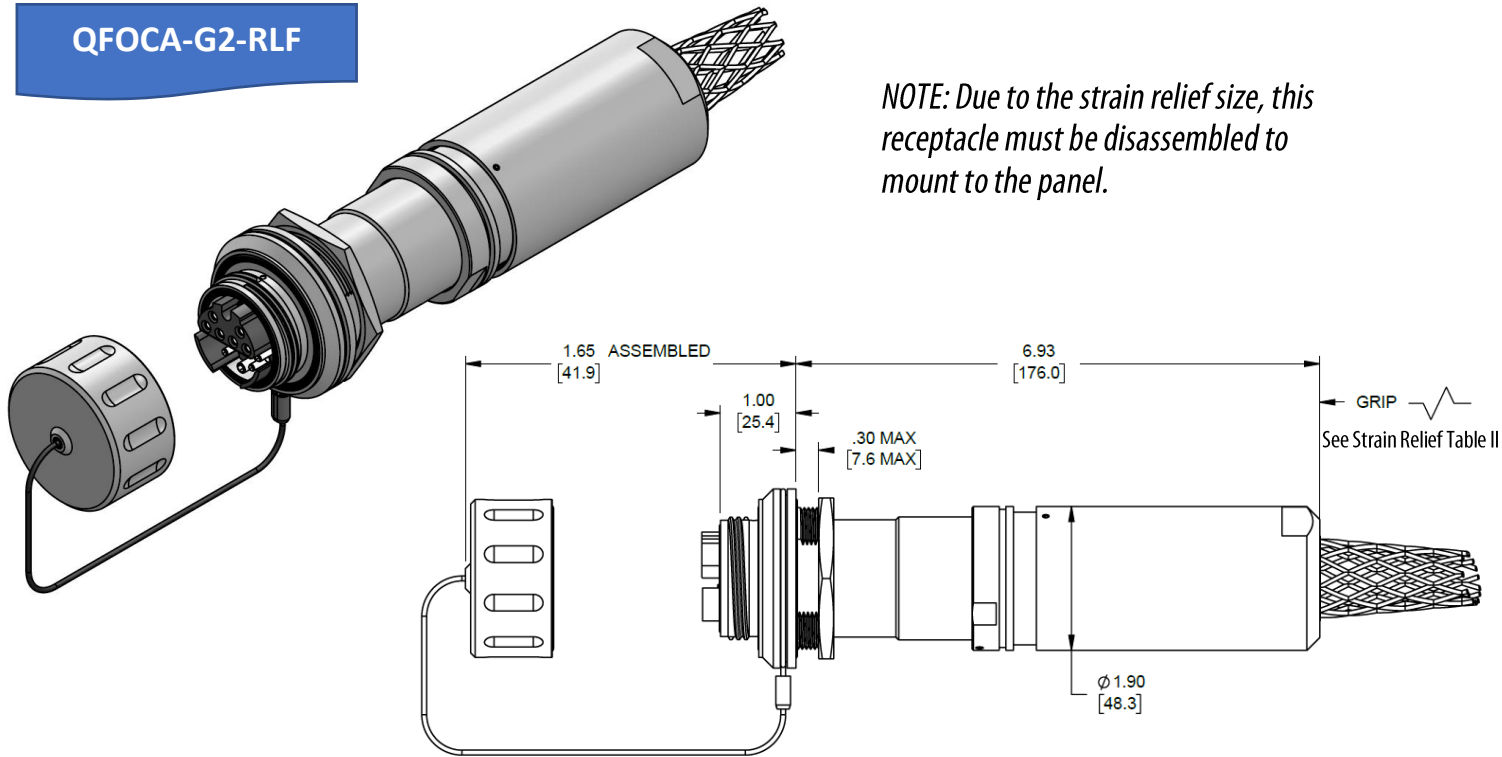


QFoca Hermaphroditic Tactical Connectors

QFoca-G2, 12Ch Receptacle, Jam Nut, External Mount, Backshell, Mesh Grip, Hawke Gland, Dustcover:

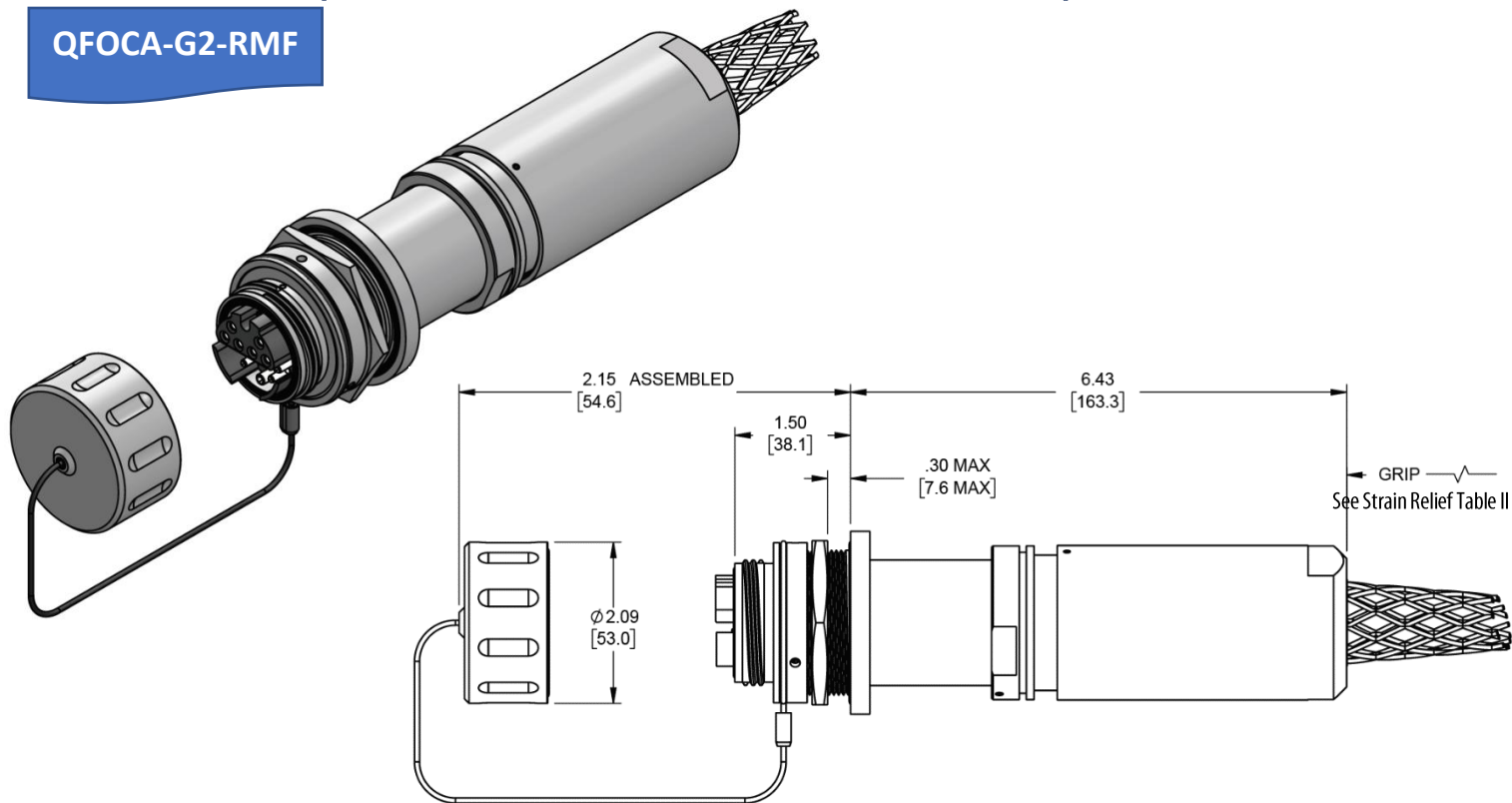
QFOCA-G2-RLF

NOTE: Due to the strain relief size, this receptacle must be disassembled to mount to the panel.



QFoca-G2, 12Ch Receptacle, Jam Nut, Internal Mount, Backshell, Mesh Grip, Hawke Gland, Dustcover:

QFOCA-G2-RMF

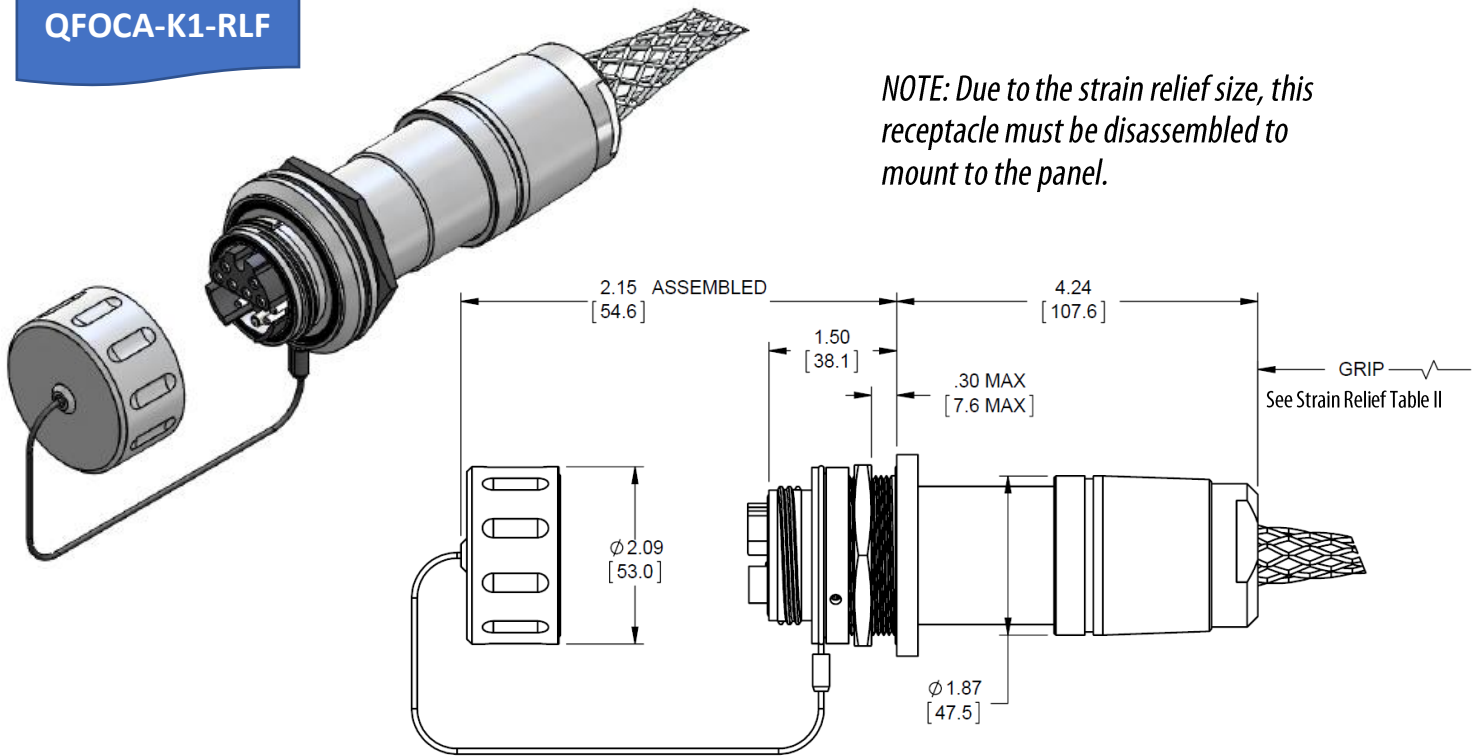


QFoca Hermaphroditic Tactical Connectors

QFoca-K1, 12Ch Receptacle, Jam Nut, External Mount, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

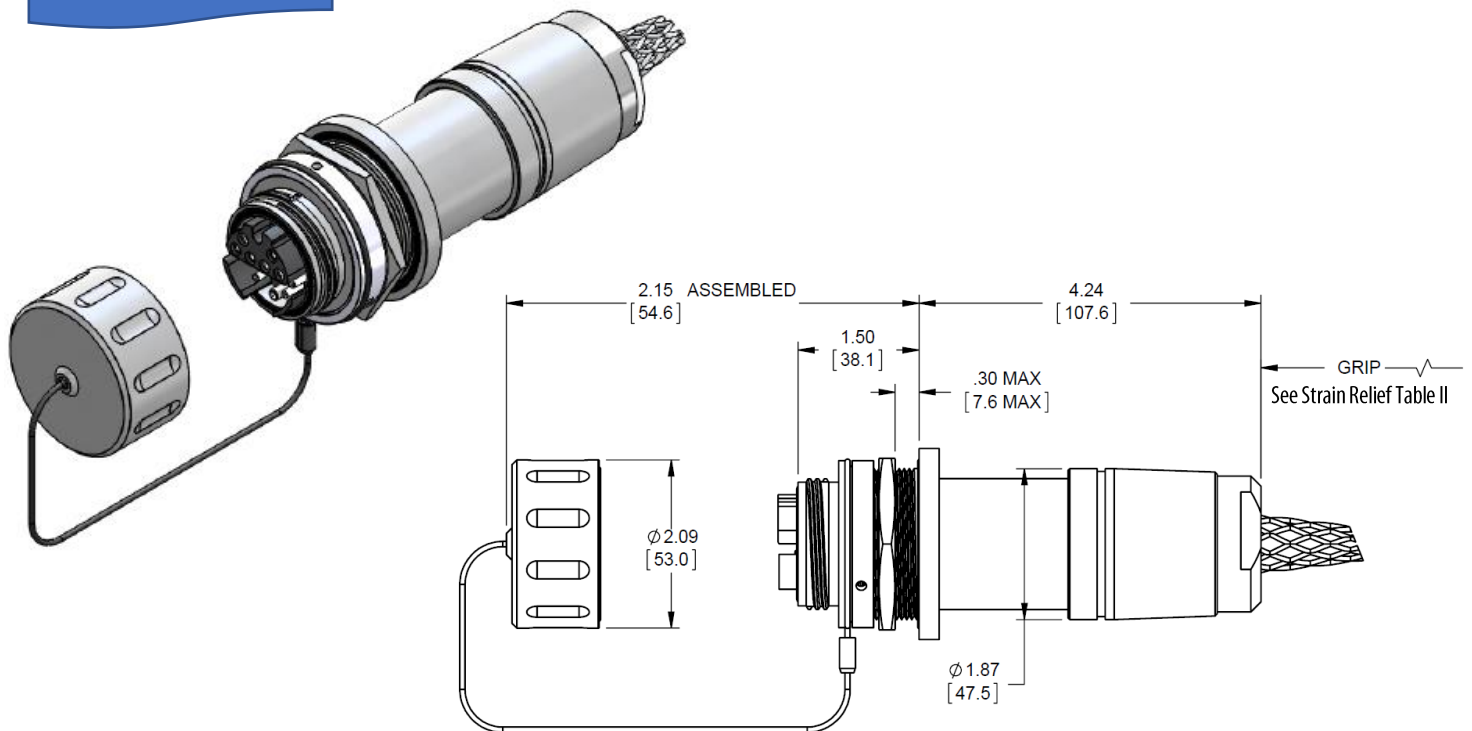
QFOCA-K1-RLF

NOTE: Due to the strain relief size, this receptacle must be disassembled to mount to the panel.

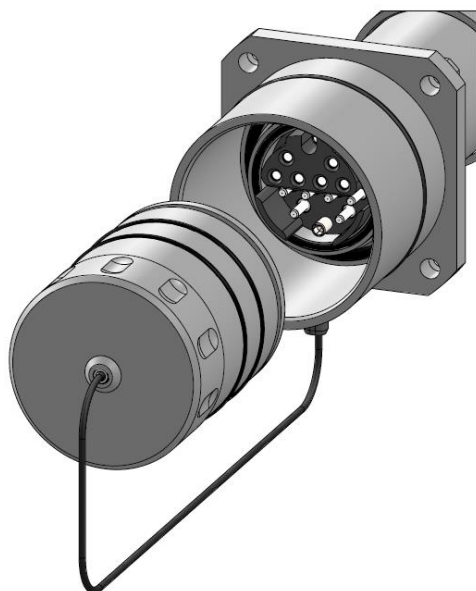


QFoca-K1, 12Ch Receptacle, Jam Nut, Internal Mount, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

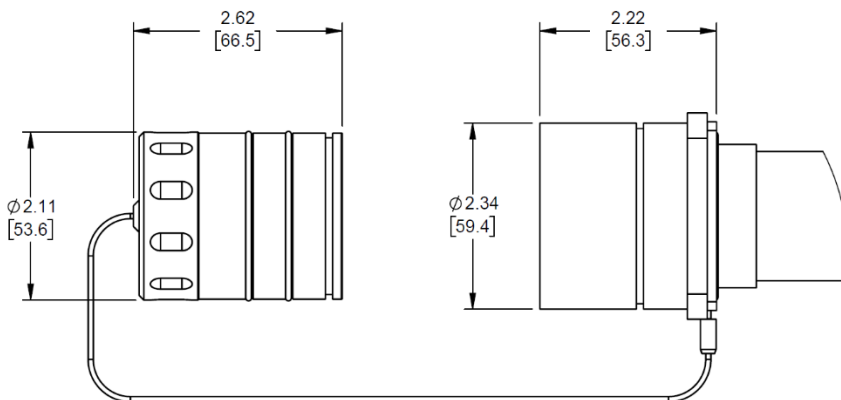
QFOCA-K1-RMF



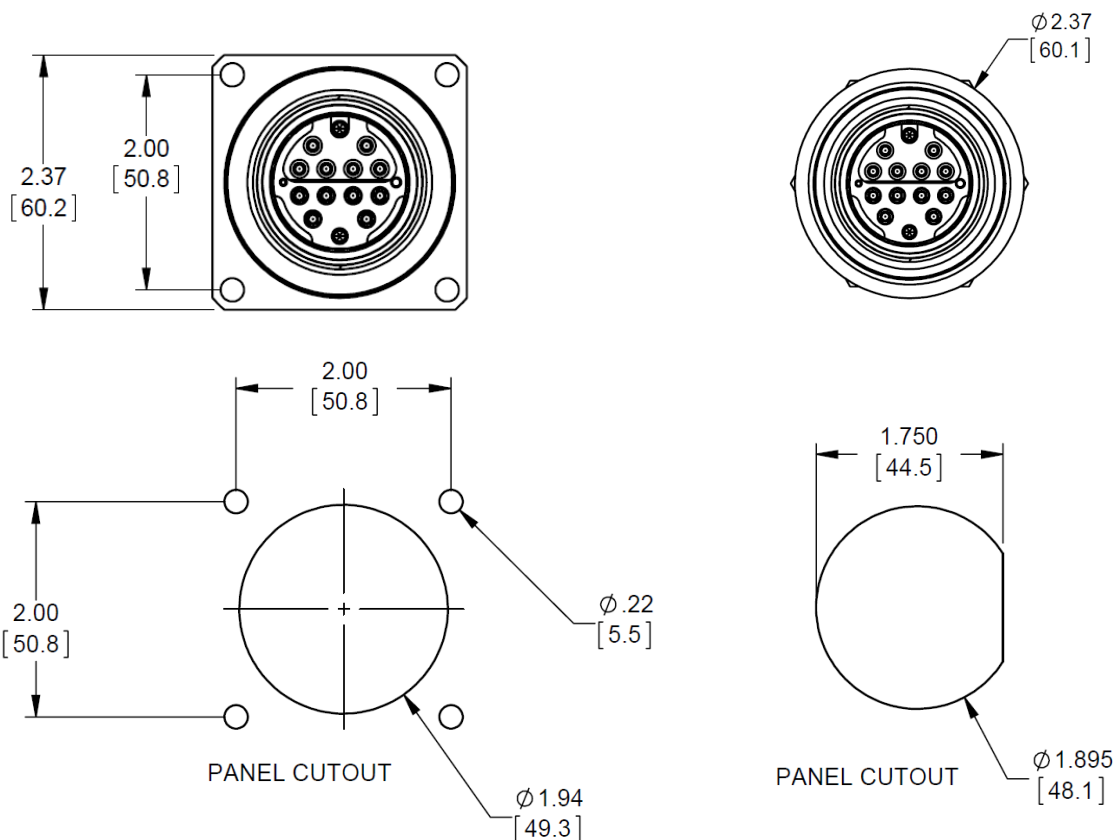
QFoca 12Ch Flange Mount Receptacle Shroud and Extended Female Dustcover:



Optional Receptacle Shrouds and Extended Female Dustcovers available for Flange Mount Receptacles. These can prevent damage due to side loading the plug when mating / de-mating QFoca connectors.

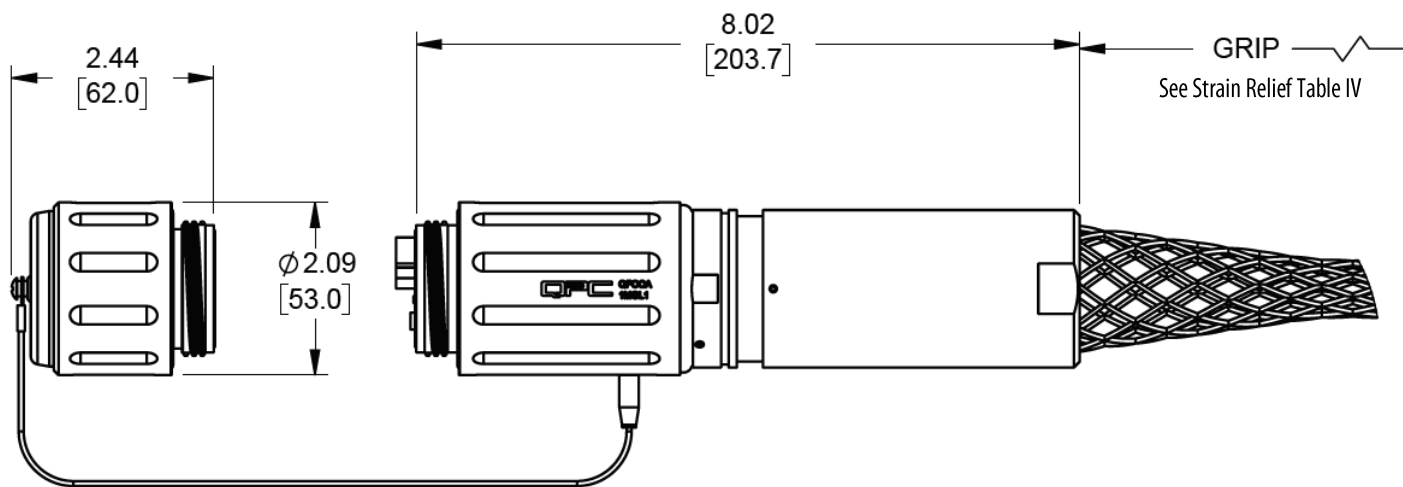
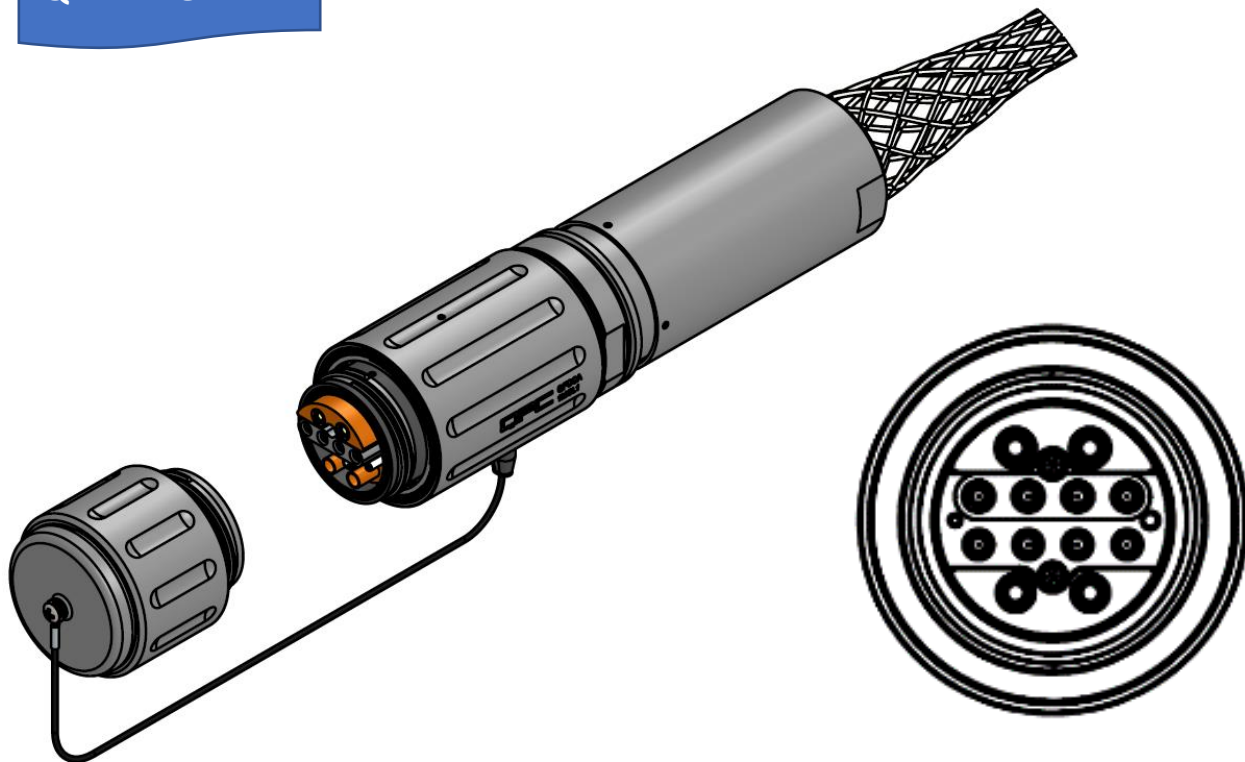


QFoca 12Ch Flange Mount and Jam Nut Receptacle Panel Cutout:



QDrive-G2, 12Ch Plug, Hermaphroditic, Hybrid, Backshell, Mesh Grip, Hawke Gland, Dustcover:

QDRIVE-G2-PHH

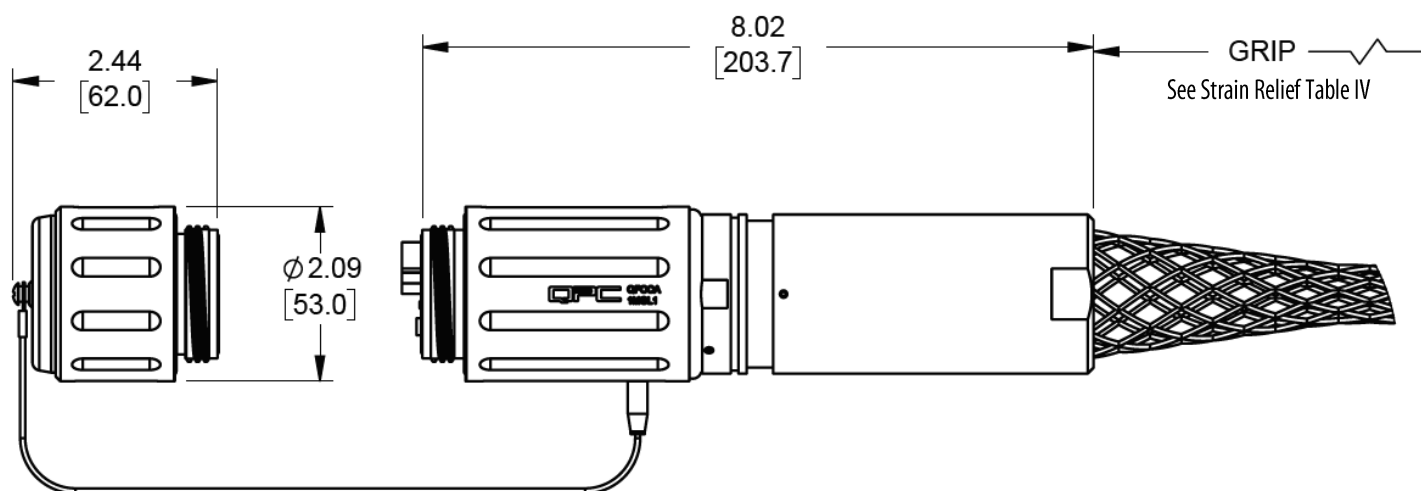
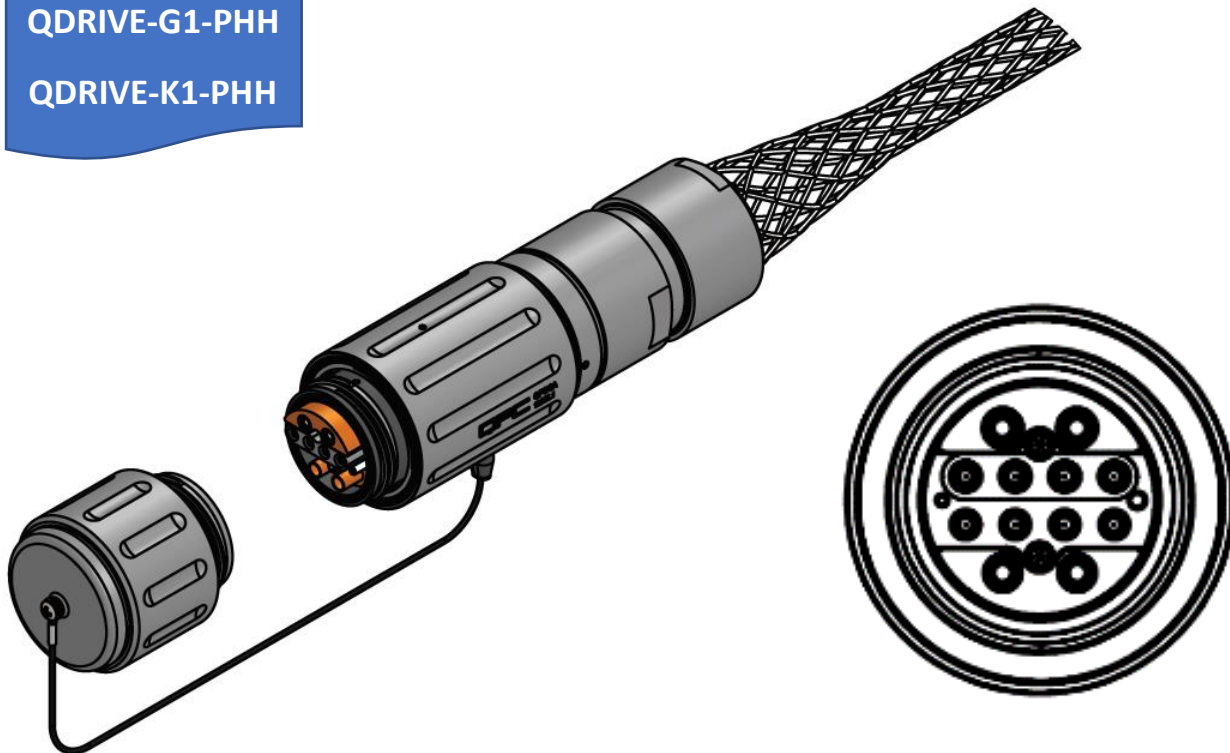


QDrive-G1, 12Ch Plug, Hermaphroditic, Hybrid, Backshell, Mesh Grip, Dustcover:

QDrive-K1, 12Ch Plug, Hermaphroditic, Hybrid, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

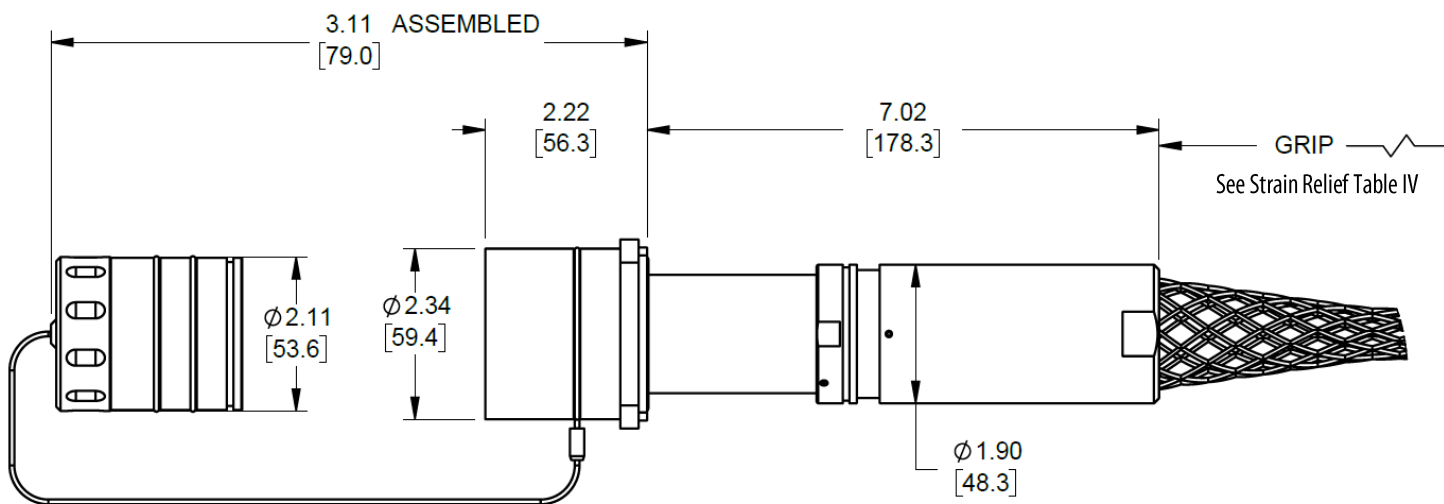
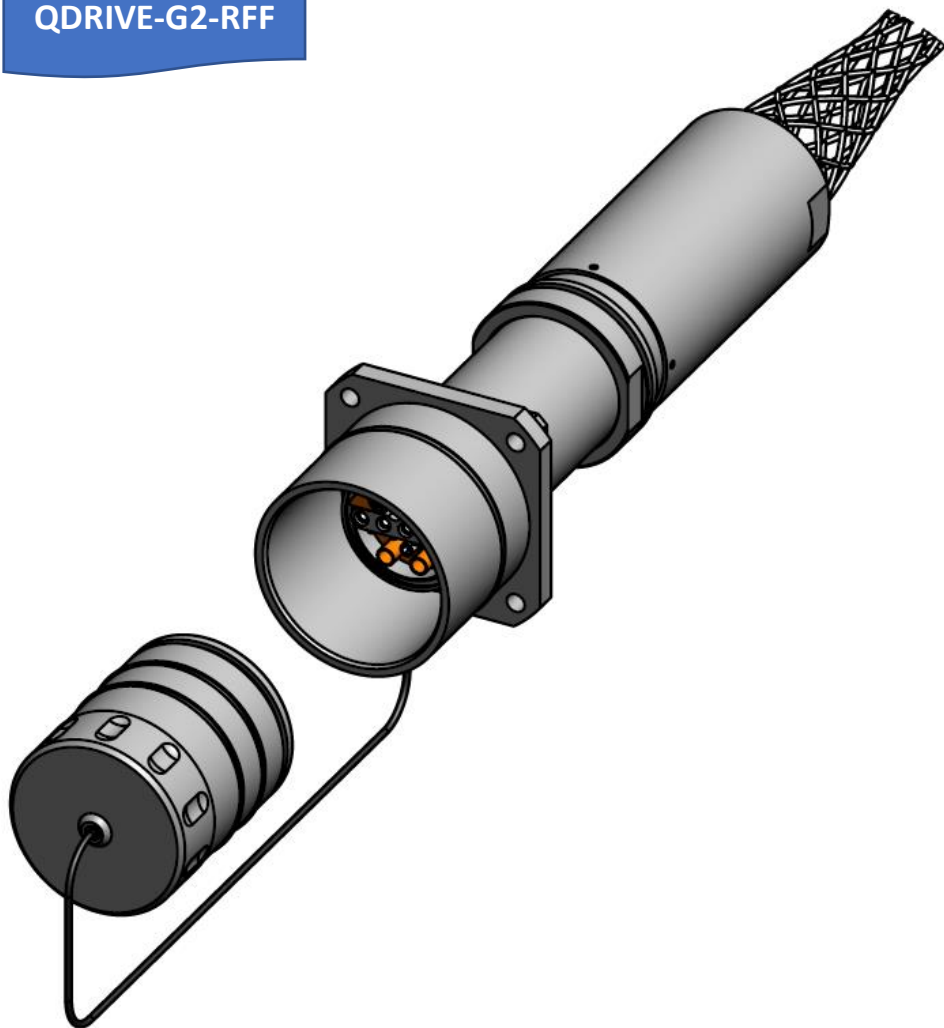
QDRIVE-G1-PHH

QDRIVE-K1-PHH



QDrive-G2, 12Ch Receptacle, Flange, External Mount, Hermaphroditic, Hybrid, Backshell, Mesh Grip, Hawke Gland, Dustcover:

QDRIVE-G2-RFF



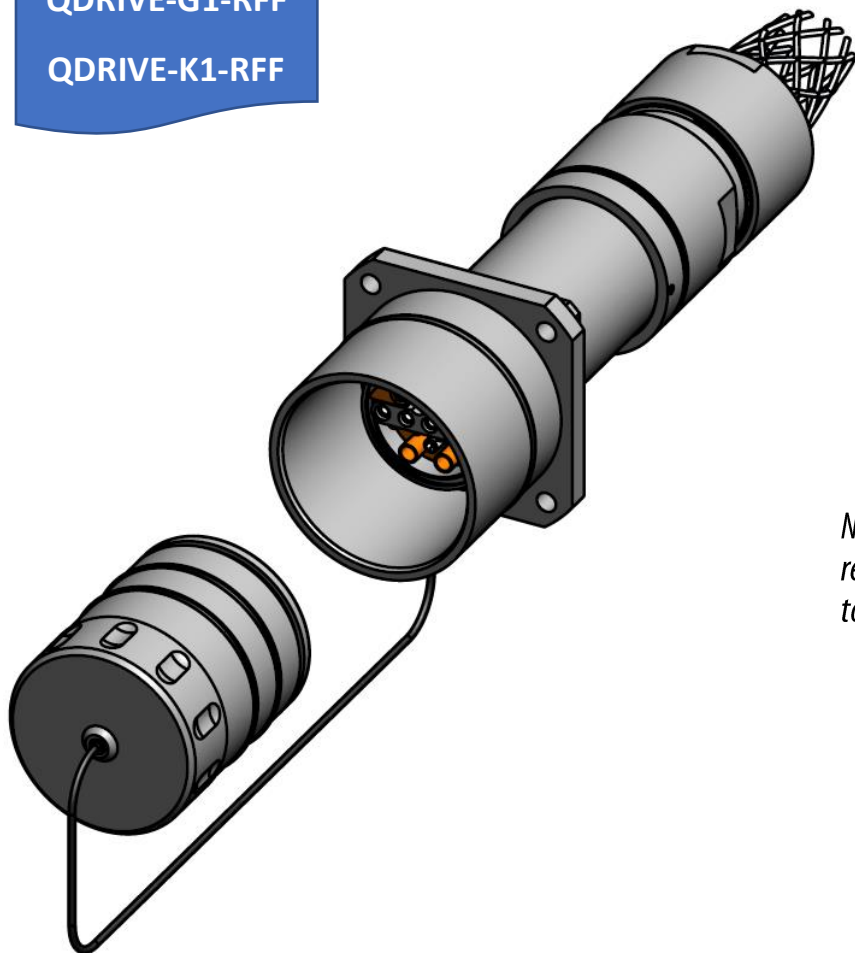
QFoca Hermaphroditic Tactical Connectors

QDrive-G1, 12Ch Receptacle, Flange, External Mount, Hermaphroditic, Hybrid, Backshell, Mesh Grip, Dustcover:

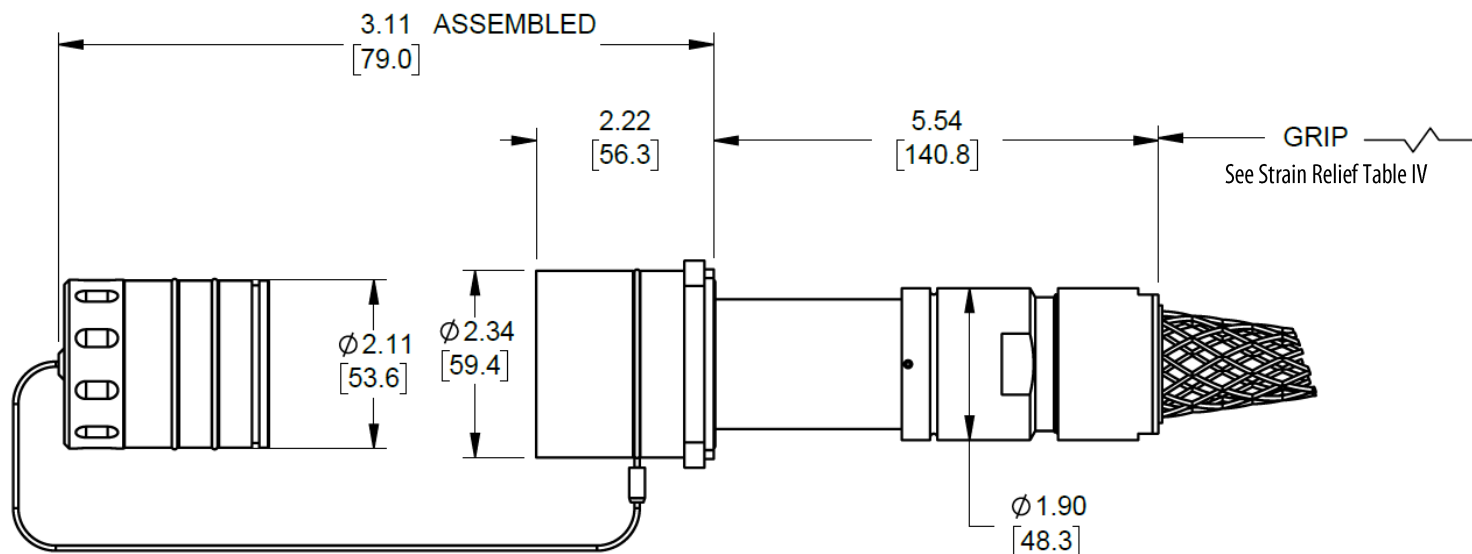
QDrive-K1, 12Ch Receptacle, Flange, External Mount, Hermaphroditic, Hybrid, Backshell, Mesh Grip, Bonding Strain Relief, Dustcover:

QDRIVE-G1-RFF

QDRIVE-K1-RFF



NOTE: For G275 and G300 - Due to the strain relief size, this receptacle must be disassembled to mount to the panel.



QDrive, 12Ch Hybrid, Flange Mount Receptacle Panel Cutout:

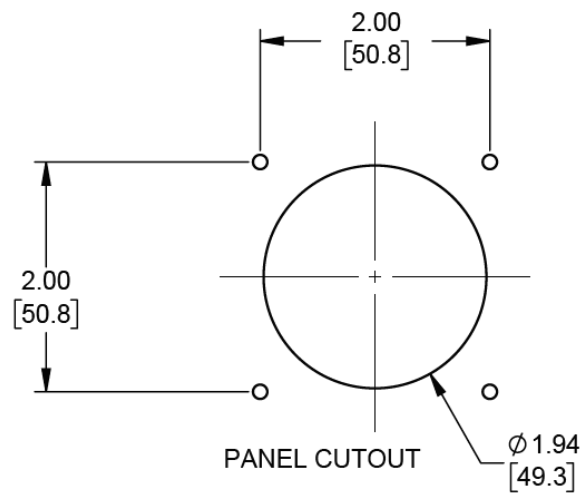
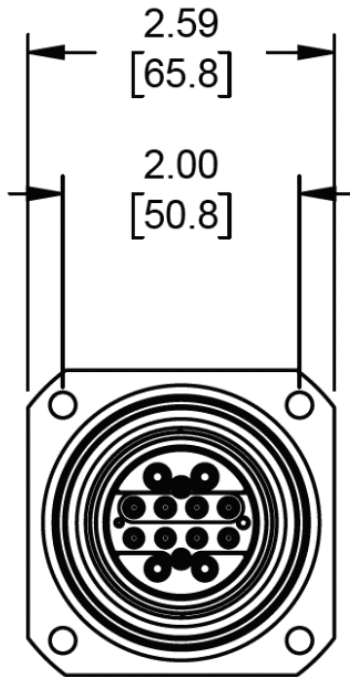


Table I – 4Ch QFoca Strain Relief Options (Plug / Receptacle with Backshell):

QFoca, 4 Channel				
Cable OD in (mm)	QFoca		QFoca-G1, QFoca-G2, & QFoca-K1	
	Boot/Bend Limiter		Wire Mesh Grip	
	Strain Relief Identifier	Strain Relief Length in (mm)	Strain Relief Identifier	Strain Relief Length in (mm)
0.142 - 0.177 (3.6 - 4.5)	S045	1.45 (36.8)	-	-
0.181 - 0.217 (4.6 - 5.5)	S055	1.45 (36.8)	-	-
0.220 - 0.256 (5.6 - 6.5)	S065	1.45 (36.8)	-	-
0.260 - 0.295 (6.6 - 7.5)	S075	1.45 (36.8)	G075	3.50 (88.9)
0.299 - 0.335 (7.6 - 8.5)	S085	1.45 (36.8)	G085	3.50 (88.9)
0.339 - 0.374 (8.6 - 9.5)	S095	1.45 (36.8)	G095	3.50 (88.9)
0.378 - 0.413 (9.6 - 10.5)	-	-	G105	4.50 (114.3)
0.417 - 0.453 (10.6 - 11.5)	-	-	G115	4.50 (114.3)
0.457 - 0.492 (11.6 - 12.5)	-	-	G125	4.50 (114.3)
0.496 - 0.531 (12.6 - 13.5)	-	-	G135	5.00 (127.0)
0.535 - 0.571 (13.6 - 14.5)	-	-	G145	5.00 (127.0)
0.575 - 0.610 (14.6 - 15.5)	-	-	G155	5.00 (127.0)

Table II – 12Ch QFoca Strain Relief Options (Plug / Receptacle with Backshell):

QFoca, 12 Channel						
Cable OD in (mm)	QFoca		QFoca-G1 & QFoca-K1		QFoca-G2	
	Boot/Bend Limiter		Wire Mesh Grip		Wire Mesh Grip & Hawke Gland	
	Strain Relief Identifier	Strain Relief Length in (mm)	Strain Relief Identifier	Strain Relief Length in (mm)	Strain Relief Identifier	Strain Relief Length in (mm)
0.142 - 0.177 (3.6 - 4.5)	S045	1.45 (36.8)	-	-	-	-
0.181 - 0.217 (4.6 - 5.5)	S055	1.45 (36.8)	-	-	-	-
0.220 - 0.256 (5.6 - 6.5)	S065	1.45 (36.8)	-	-	-	-
0.260 - 0.295 (6.6 - 7.5)	S075	1.45 (36.8)	G075	3.50 (88.9)	G075	3.50 (88.9)
0.299 - 0.335 (7.6 - 8.5)	S085	1.45 (36.8)	G085	3.50 (88.9)	G085	3.50 (88.9)
0.339 - 0.374 (8.6 - 9.5)	S095	1.45 (36.8)	G095	3.50 (88.9)	G095	3.50 (88.9)
0.378 - 0.413 (9.6 - 10.5)	S105	1.45 (36.8)	G105	4.50 (114.3)	G105	4.50 (114.3)
0.417 - 0.453 (10.6 - 11.5)	S115	1.45 (36.8)	G115	4.50 (114.3)	G115	4.50 (114.3)
0.457 - 0.492 (11.6 - 12.5)	S125	1.45 (36.8)	G125	4.50 (114.3)	G125	4.50 (114.3)
0.496 - 0.531 (12.6 - 13.5)	-	-	G135	5.00 (127.0)	G135	5.00 (127.0)
0.535 - 0.571 (13.6 - 14.5)	-	-	G145	5.00 (127.0)	G145	5.00 (127.0)
0.575 - 0.610 (14.6 - 15.5)	-	-	G155	5.00 (127.0)	G155	5.00 (127.0)
0.614 - 0.689 (15.6 - 17.5)	-	-	G175	6.25 (158.8)	G175	6.25 (158.8)
0.693 - 0.748 (17.6 - 19.0)	-	-	G190	6.25 (158.8)	G190	6.25 (158.8)
0.752 - 0.807 (19.1 - 20.5)	-	-	G205	6.50 (165.1)	G205	6.50 (165.1)
0.811 - 0.866 (20.6 - 22.0)	-	-	G220	6.50 (165.1)	-	-
0.870 - 0.925 (22.1 - 23.5)	-	-	G235	6.75 (171.5)	-	-
0.929 - 0.984 (23.6 - 25.0)	-	-	G250	6.75 (171.5)	-	-

Table III – QFoca Crimp Options (Receptacle without Backshell)

	No Crimp	Crimp	
Cable OD	900µm	2.0mm	3.0mm
Strain Relief Identifier	S00	S02	S03

Table IV – 12Ch QDrive Strain Relief Options (Plug/Receptacle with Backshell):

QDrive, 12 Channel				
Cable OD in (mm)	QDrive-G1 & Qdrive-K1		QDrive-G2	
	Wire Mesh Grip		Wire Mesh Grip, Hawke Gland	
	Strain Relief Identifier	Strain Relief Length in (mm)	Strain Relief Identifier	Strain Relief Length in (mm)
0.752 - 0.807 (19.1 - 20.5)	G205	6.50 (165.1)	G205	6.50 (165.1)
0.811 - 0.866 (20.6 - 22.0)	G220	6.50 (165.1)	-	-
0.870 - 0.925 (22.1 - 23.5)	G235	6.75 (171.5)	-	-
0.929 - 0.984 (23.6 - 25.0)	G250	6.75 (171.5)	-	-
0.988 - 1.083 (25.1 - 27.5)	G275	5.50 (139.7)	-	-
1.087 - 1.181 (27.6 - 30.0)	G300	5.50 (139.7)	-	-

QFoca Termini:

PART NUMBER	DESCRIPTION
QFOCA-TRM	Terminus Assembly, QFoca, 2.5mm Ferrule OD, 126µm Singlemode/Multimode
QFOCA-SAS	Alignment Sleeve, QFoca, 2.5mm ID, Split, Thick Wall (0.63mm)

QDrive Contacts:

PART NUMBER	DESCRIPTION
QDRIVE-CTC-1214P	QDRIVE CONTACT, SIZE 12, GOLD, 14 AWG WIRE, PIN
QDRIVE-CTC-1214S	QDRIVE CONTACT, SIZE 12, GOLD, 14 AWG WIRE, SKT
QDRIVE-CTC-1212P	QDRIVE CONTACT, SIZE 12, GOLD, 12 AWG WIRE, PIN
QDRIVE-CTC-1212S	QDRIVE CONTACT, SIZE 12, GOLD, 12 AWG WIRE, SKT

QFoca Dust Covers:

Sample Part Number: QFOCA-RFZ-04CH		QFOCA	-	RF	Z	-	04CH
1 <u>Series</u> QFOCA							
2 <u>Connector / Dustcover Type</u> PH - PLUG, HERMAPHRODITIC RF - RECEPTACLE, FEMALE DUSTCOVER RS - RECEPTACLE, SHROUD, EXTENDED FEMALE DUSTCOVER							
4 <u>Material & Finish Code</u> Z - ALUMINUM - ZINC OVER NICKEL OLIVE DRAB N - ALUMINUM - BLACK, HARD ANODIZE S - STAINLESS STEEL (CONSULT QPC FOR OTHER OPTIONS)							
5 <u>Channel Count</u> 04CH - 4 CHANNEL QFOCA 12CH - 12 CHANNEL QFOCA / QDRIVE							

4Ch QFoca Tools:

Tool PN	DESCRIPTION
TK-047	4CH QFoca Tool Kit (Includes all items below)
PT-145	QFoca 1.06 Inch Locknut Tightening Tool (Receptacle)
PT-451	Termini Spring Compression Tool
PT-465	QFoca Backnut Tightening C-Jaw Tool
PT-466	QFoca 4Channel Torque Fixture
PT-005	Universal Crimp Tool - 2mm & 3mm (Hex Sizes: .131/.147/.171/.197)

12Ch QFoca Tools:

Tool PN	DESCRIPTION
TK-048	12CH QFoca Tool Kit (Includes all items below)
PT-146	QFoca 1.62 Inch Locknut Tightening Tool (Receptacle)
PT-451	Termini Spring Compression Tool
PT-465	QFoca Backnut Tightening C-Jaw Tool
PT-467	QFoca 12Channel Torque Fixture
PT-005	Universal Crimp Tool - 2mm & 3mm (Hex Sizes: .131/.147/.171/.197)

12Ch QDrive Tools:

Tool PN	DESCRIPTION
TK-064	12CH QDrive Tool Kit (Includes all items below)
PT-146	QFoca 1.62 Inch Locknut Tightening Tool (Receptacle)
PT-451	Termini Spring Compression Tool
PT-467	QFoca 12Channel Torque Fixture
PT-566	Size 12 Contact Crimp Tool
PT-005	Universal Crimp Tool - 2mm & 3mm (Hex Sizes: .131/.147/.171/.197)





Military Aerospace Shipboard Industrial Mining Transportation Oil & Gas Broadcast Manufacturing Marine Energy Medical

