

183G1 (Shell size 18, 3 + ground, 4x#8)



Connector Part Numbers

Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Crimp contacts supplied separately see page 59	NPT threaded receptacle	Without (Fig. 1)	-	UTS7183G1SNPT
	Plug	Without (Fig. 2)	UTS6183G1P	-
	Plug	Cable gland (Fig. 3)	UTS6JC183G1P	-
PCB contacts supplied separately see page 59	NPT threaded receptacle	Without (Fig. 1)	-	UTS7183G1SNPT
	Plug	Without (Fig. 2)	UTS6183G1P	-

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Dimensions

NPT Threaded Receptacle - UTS7

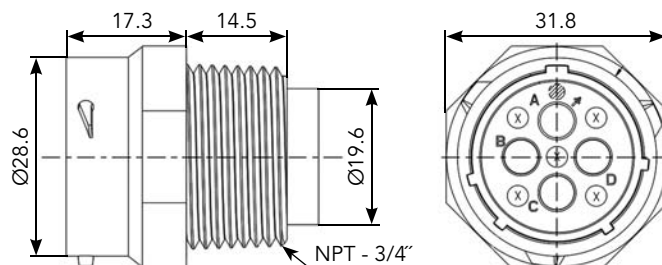


Fig. 1

Plug - UTS6

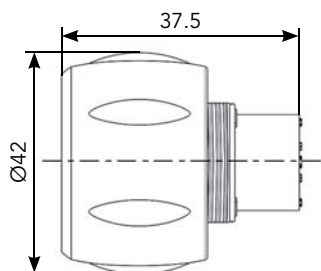


Fig. 2

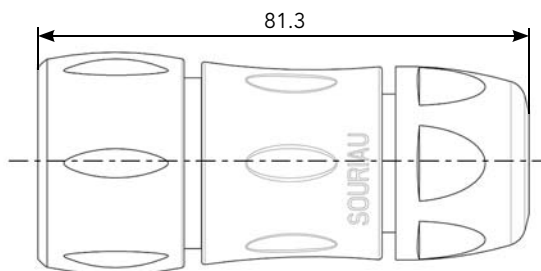
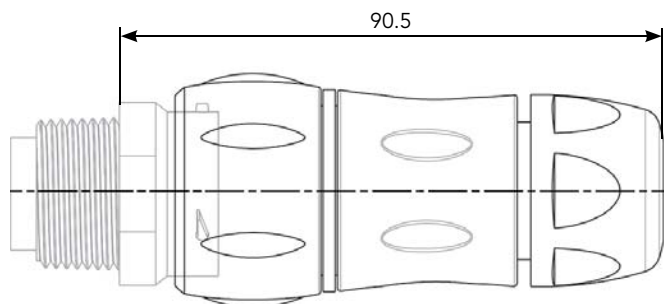
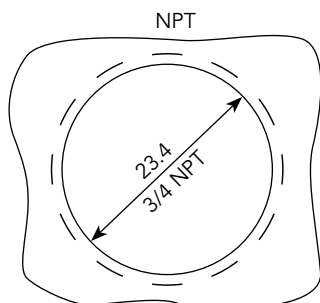


Fig. 3

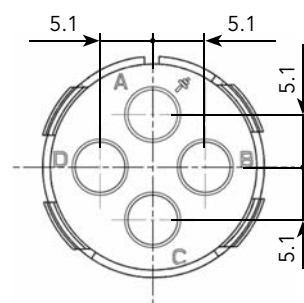
Mated Connector Length - UTS6JC



Panel cut



Drilling Pattern



Note: all dimensions are in mm

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Accessories and Tooling

Jam Nut or NPT Threaded Receptacle Sealing Caps



IP68/69K

Part number

UTS18DCG



IP68/69K

Metal terminal

Part number

UTS18DCGR

Plug Sealing Cap



IP68/69K

Part number

UTS618DCG

Plastic Protective Cap



Part numbers

Receptacle
cap

Plug cap

85005590A

85005599

Gasket



Part numbers

UTFD16B

Hand Tool



Part number

M317

Positioner + Locator Setting #8



Part number

VGE10078A

Extraction Tool #8



Part number

51060210936

Color Coding Rings

G for Green


Y for
Yellow


R for Red



Part numbers

Receptacles

Plugs

UTS718CCRR

UTS618CCRR

UTS718CCRY

UTS618CCRY

UTS718CCRG

UTS618CCRG

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Contacts

#8	Contact type	AWG	Part number		Max wire Ø	Max insulator Ø
			Male	Female		
Crimp	Machined	16	82913601A ⁽¹⁾	82913600A ⁽¹⁾	1.72 mm	6.5 mm
		14	82913603A ⁽¹⁾	82913602A ⁽¹⁾	2.22 mm	
		12	82913605A ⁽¹⁾	82913604A ⁽¹⁾	2.82 mm	
		10	82913607A ⁽¹⁾	82913606A ⁽¹⁾	3.50 mm	
		8	82913609A ⁽¹⁾	82913608A ⁽¹⁾	4.35 mm	
PCB	Machined ⁽²⁾	-	82911685NPC ⁽¹⁾	82911684NPC ⁽¹⁾	-	-

(1): Example of plating, for other plating see page 164

(2): For dimensions see page 168



Electrical Characteristics

UL
23A 600V UL94 V-0

CSA
23A 600V UL94 V-0

IEC
32A 300V 4kV 3

UTS 183G1 Derating Curves

