

Connectors

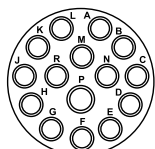
14E15/14D15 (Shell size 14, 14x#20, 1#16)



Connector part number

UTGX 14E15/14D15

15 contacts
12A 600V per UL1977 with
AWG16 wire
5A 250V per UL1977 with
AWG20 wire
(qualification pending)



Contact type	Connector type	Backshell	Part number	
			Male insert	Female insert
Hand solder electrical contacts loaded see page 117	Square flange receptacle	Without (Fig. 1)	UTGX014E15P	UTGX014E15S
	Plug	Without (Fig. 2)	UTGX614E15P	UTGX614E15S
		Cable gland (Fig. 3)	UTGX6JC14E15P	UTGX6JC14E15S
PCB contacts loaded see page 117	Jam nut receptacle	Without (Fig. 4)	UTGX714E15P	UTGX714E15S
	Square flange receptacle	Without (Fig. 2)	UTGX014D15P	UTGX014D15S
	Jam nut receptacle with stand off and without hold down clip	Without (Fig. 5)	UTGX714D15P	UTGX714D15S
	Jam nut receptacle with stand off and with hold down clips	Without (Fig. 6)	UTGX714D15P32	UTGX714D15S32

For discrimination/keying methods see page 154

Sealed unmated

Overmoulded cable assembly part numbers

Overmoulding type	Connector type	Wire size (mm ²)	Harmonized cable part number ⁽¹⁾	Part number (length: 1 m.)*	
				Male plug	Female plug
Straight ending	Plug	1.5	H05 VV - F 15x1.5	HAUTGX14E15PST1M	HAUTGX14E15SST1M
Right angle ending	Plug	1.5	H05 VV - F 15x1.5	HAUTGX14E15PRA1M	HAUTGX14E15SRA1M

(1) Other cable available on demand

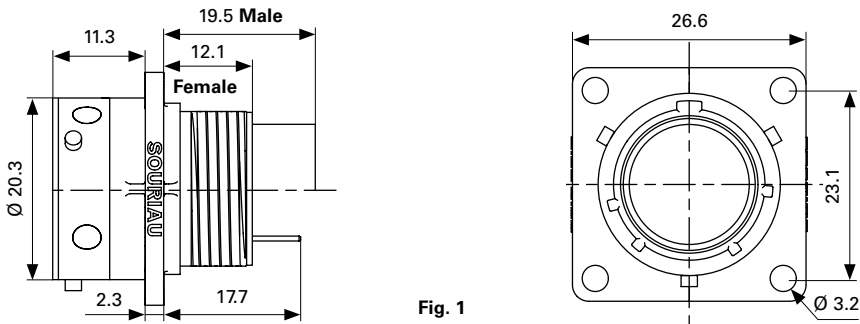
* Other lengths available on demand

Note: Overmoulded cable assembly dimensions available page 145

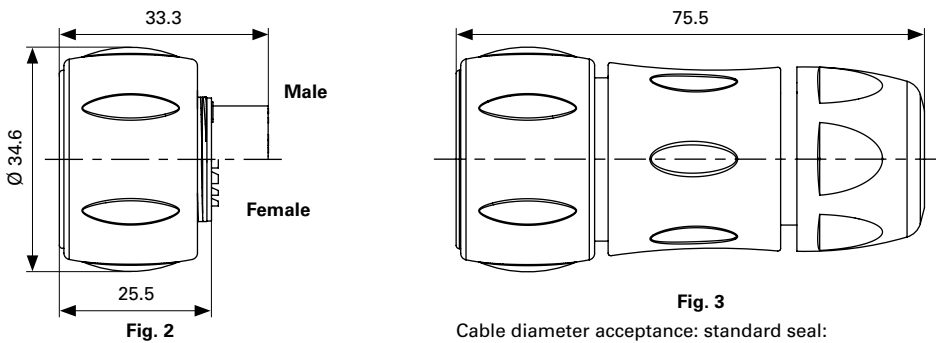
14E15/14D15 (Shell size 14, 14x#20, 1#16)

Dimensions in mm (For mated connector lengths see page 145)

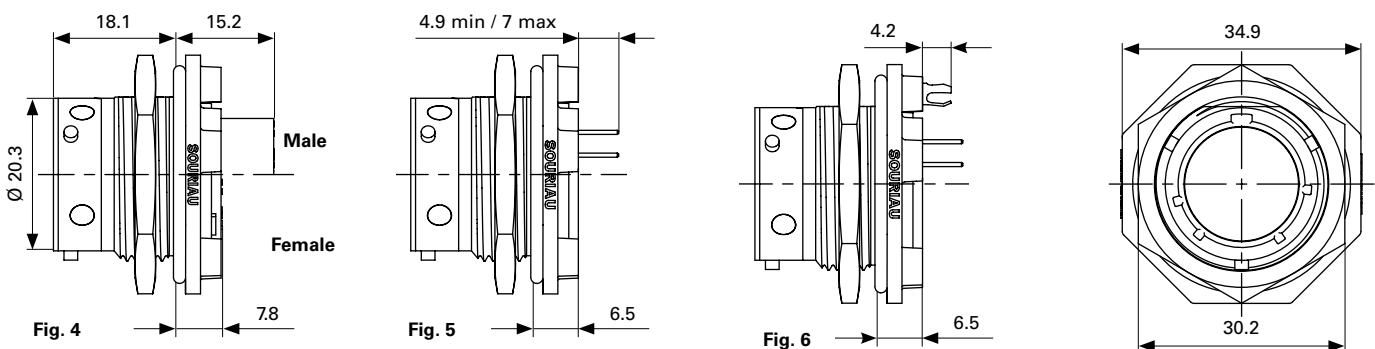
Square flange receptacle - UTGX0



Plug - UTGX6 & UTGX6JC

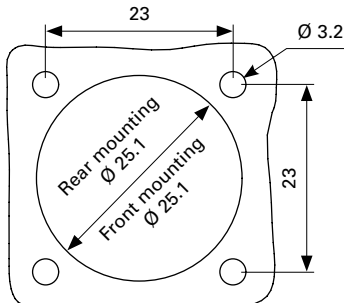


Jam nut receptacle UTGX7

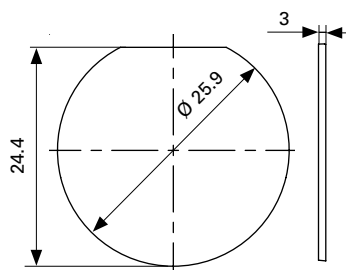


Panel cut out

Jam nut receptacle - UTGX0



Jam nut receptacle - UTGX7



Connectors

14E15/14D15 (Shell size 14, 14x#20, 1#16)

Accessories

Jam nut & free hanging receptacle sealing caps



Description	Part number
IP68/69K	UTGX14DCG
IP68/69K - Metal terminal	UTGX14DCGR

Square flange sealing cap



Description	Part number
IP68/69K - Metal terminal	UTGX14DCGE

Plug sealing cap



Description	Part number
IP68/69K	UTS614DCG133

Plastic protective cap



Part number receptacle cap	Part number plug cap
85005588A	85005597

Gasket



Part number
UTFD14B

Color coding rings



Description	Part number receptacles	Part number plugs
G for Green	UTGX714CCRG	UTGX614CCRG
Y for Yellow	UTGX714CCRY	UTGX614CCRY
R for Red	UTGX714CCR	UTGX614CCR

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Contacts

Contact size	Contact type	Plating	Cable acceptance (AWG)	Cable acceptance (mm ²)	Wire stripping length (mm)
#16	Handsolder Loaded in the connector	Min 0.4μ gold over 0.8μ Ni	18 - 14	0.823 - 2.08	5
	PCB Machined ⁽¹⁾	Min 0.4μ gold over 0.8μ Ni	—	—	—
#20	Handsolder Loaded in the connector	Min 0.4μ gold over 0.8μ Ni	20 - 18	0.32 - 0.75	3.8
	PCB Machined ⁽¹⁾	Min 0.4μ gold over 0.8μ Ni	—	—	—

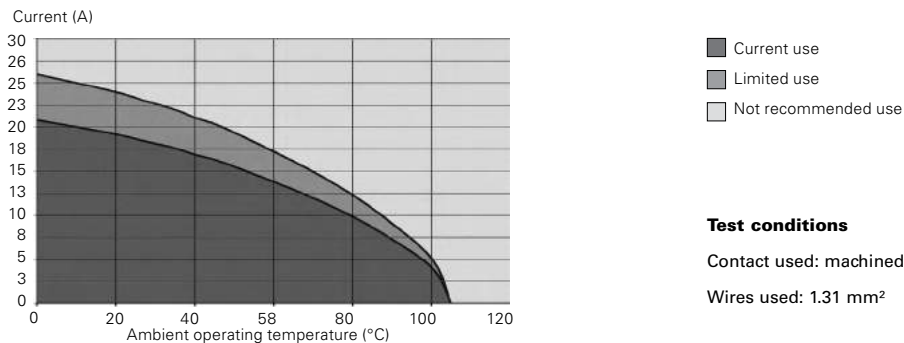
(1): For dimensions see pages 136 or 137

Electrical characteristics

UL	CSA	IEC
12A 600V with AWG16* 5A 250V with AWG20*	12A 600v with AWG16* 5A 250V with AWG20*	4A 50V 1.5kV 3

* qualification pending

UTGX 14E15/14D15 derating curves



Derating curves based on continuous current application.