

# Amphenol®



## Amphenol® KTK High Pressure Downhole Connector

Amphenol Industrial Operations now offers our KTK, high-pressure, downhole connector. Fully compatible with the industry standard configuration, these connectors offer high pressure and high temperature sealed connections standard in the downhole industry. One of the many upcoming downhole connectors, the KTK product line is machined molded and machined glass-filled epoxy with gold contacts and a Viton O-ring.

### Features:

- Medium and High Temperature versions: 170°C and 200°C
- Medium Temp / Pressure: 10,000 PSI (68 MPA) Bi-Directional
- High Temp / Pressure: 20,000 PSI (137 MPA) Bi-Directional
- Machined molded and machined glass-filled epoxy
- Fully compatible with industry standard layouts
- Gold contacts designed for longer life/mating cycles
- Solder pot connections
- Cable Assemblies/Pigtails Available

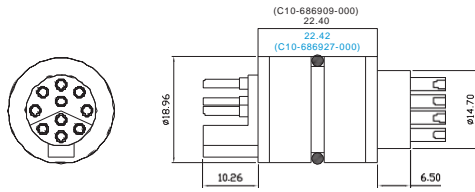
# Amphenol® KTK High Pressure Downhole Connector

## C10-686909-000

6 pin/4 socket  
High Temp 200°C

## C10-686927-000

6 pin/4 socket  
Medium Temp 170°C

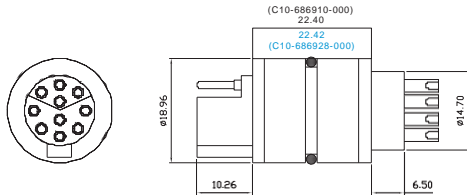


## C10-686910-000

4 pin/6 socket  
High Temp 200°C

## C10-686928-000

4 pin/6 socket  
Medium Temp 170°C

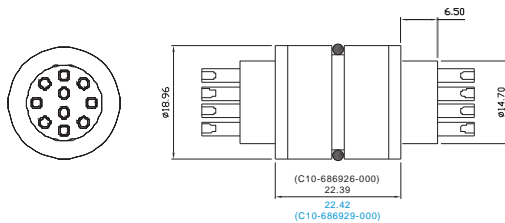


## C10-686926-000

10 pin solder to solder  
High Temp 200°C

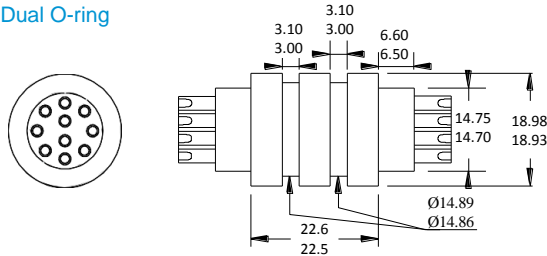
## C10-686929-000

10 pin solder to solder  
Medium Temp 170°C



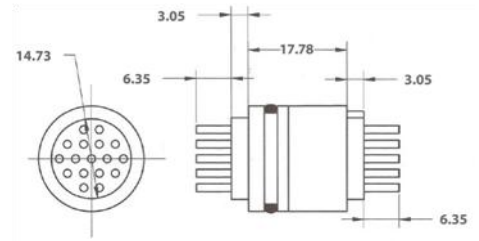
## C10-761450-000

10 pin solder to solder Dual O-ring  
Medium Temp 170°C



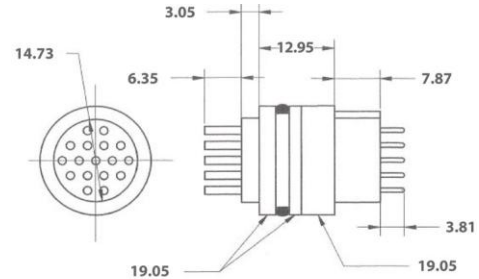
## 10-952002-000

17 Solder-to-Solder  
High Temp 200°C



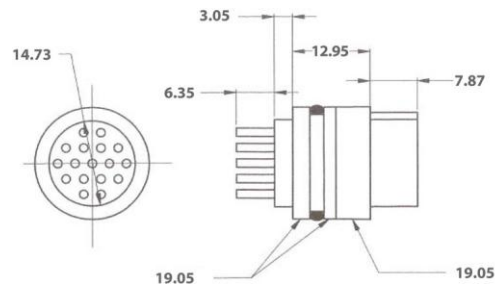
## 10-730944-000

17 pin  
High Temp 200°C



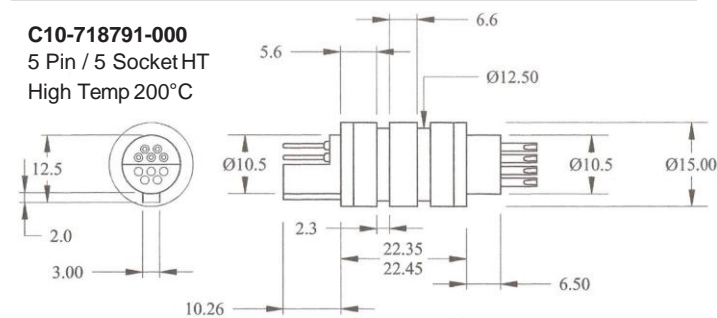
## 10-730945-000

17 Socket  
High Temp 200°C



## C10-718791-000

5 Pin / 5 Socket HT  
High Temp 200°C



AMPHENOL® PART	DESCRIPTION	Max Temp	Pressure	Contact Size	Contact Resistance	Insulation Resistance	Voltage	OD	Body Length	Overall Length
10-952002-000	SOLDER-TO-SOLDER 17 WAY - HT	200°C	20K PSI	22 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	500vdc	19	23,9	36,6
10-730944-000	MALE 17 WAY - HT	200°C	20K PSI	22 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	500vdc	19	23,9	34
10-730945-000	FEMALE 17 WAY - HT	200°C	20K PSI	22 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	500vdc	19	23,9	30
C10-686926-000	10 PIN SOLDER TO SOLDER HT	200°C	20K PSI	20 AWG		10 GΩ @ 1000 vdc	600vdc	19	35,5	48
C10-686909-000	6 PIN - 4 SOCKET HT	200°C	20K PSI	20 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	600vdc	19	39,2	45
C10-686910-000	4 PIN - 6 SOCKET HT	200°C	20K PSI	20 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	600vdc	19	39,2	45
C10-686927-000	6 PIN - 4 SOCKET	170°C	10K PSI	20 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	600vdc	19	39,2	45
C10-686928-000	4 PIN - 6 SOCKET	170°C	10K PSI	20 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	600vdc	19	39,2	45
C10-686929-000	10 PIN SOLDER TO SOLDER	170°C	10K PSI	20 AWG		10 GΩ @ 1000 vdc	600vdc	19	35,5	48
C10-838603-000	15 WAY PIN - HT	200°C	20K PSI	22 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	500vdc	19	23,9	34
C10-838602-000	15 WAY SOCKET - HT	200°C	20K PSI	22 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	500vdc	19	23,9	30
C10-718791-000	5 PIN / 5 SOCKET HT OD 15mm	200°C	10K PSI	22 AWG	2.5 Milli Ω @ 1AMP	10 GΩ @ 1000 vdc	500vdc	15	39,2	45

For additional information on the KTK connectors consult Amphenol Industrial Operations.

Notice: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements of suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

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