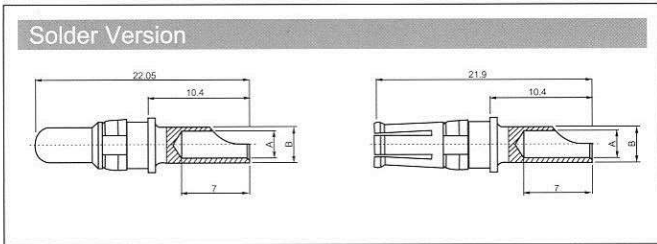


# HIGH POWER CONTACTS High Quality Machined Pins

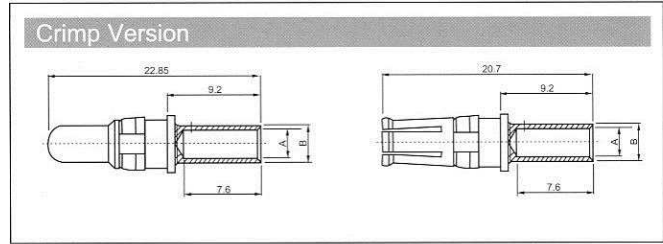
## Solder & Crimp Versions

Machined contacts.  
 Class 2 connector pins as Standard.  
 Other Plating and/or class on request.

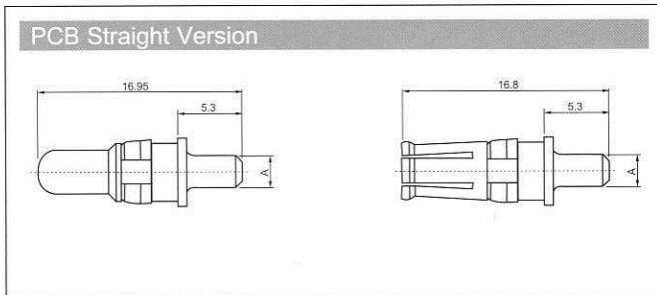
Technical Information on page 83-84



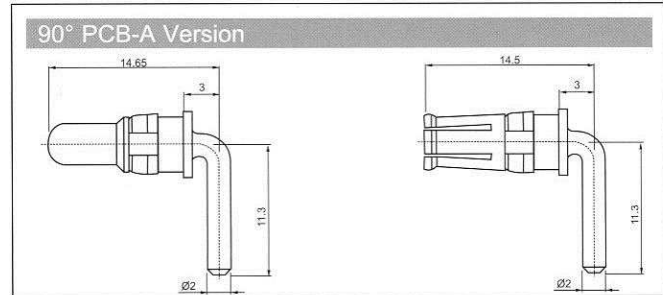
Amp.	Plug	Socket	ØA	ØB
10 A	3311-0001-01	3311-0001-11	1.80	2.55
20 A	3311-0001-02	3311-0001-12	2.80	3.70
40 A	3311-0001-03	3311-0001-13	4.80	5.60



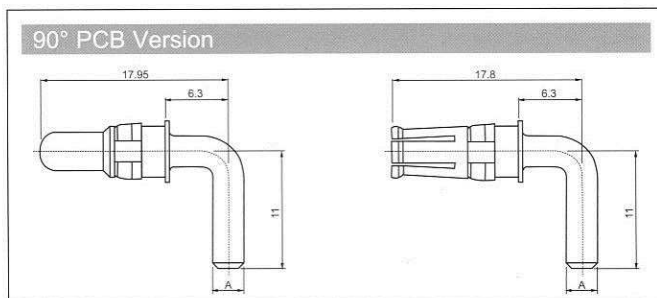
Amp.	Plug	Socket	ØA	ØB
10 A	3311-0002-01	3311-0002-11	1.80	2.55
20 A	3311-0002-02	3311-0002-12	2.80	3.70
40 A	3311-0002-03	3311-0002-13	4.80	5.60



Amp.	Plug	Socket	ØA
10 A	3311-0003-01	3311-0003-11	2.00
20 A	3311-0003-02	3311-0003-12	2.60
40 A	3311-0003-03	3311-0003-13	3.20



Amp.	Plug	Socket
10 A	3311-0004-01	3311-0004-14

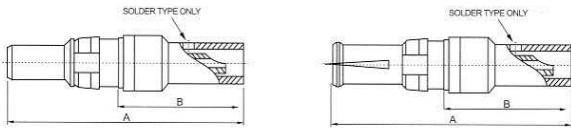


Amp.	Plug	Socket	ØA
10 A	3311-0005-01	3311-0005-11	2,00
20 A	3311-0005-02	3311-0005-12	2,85
30 A	3311-0005-03	3311-0005-13	3,20
40 A	3311-0005-04	3311-0005-14	3,75

# COAXIAL CONTACTS - 50 / 75 Ohm

# High Quality Machined Pins

## Solder Version



## Coaxial Contacts - 50 / 75 Ohm

Contact Material:	Copper Alloy
Insulator Material:	Teflon
Crimp Sleeve:	PTFE
Other metal parts:	Copper Alloy
Surface Plating:	Inner Contact 1,3 $\mu$ Au Outer Contact 0,8 $\mu$ Au

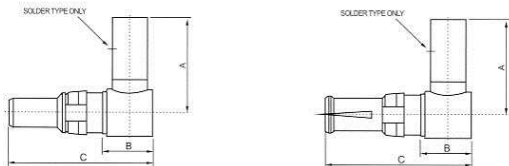
	Cable	Plug	Socket	A	B
50 $\Omega$	178 B/U, 196 A/U, 404 U	3311-0020-01	3311-0020-11	23.0	11.2
50 $\Omega$	174 U, 188 A/U, 316 U	3311-0020-02	3311-0020-12	23.0	11.2
50 $\Omega$	180 B/U	3311-0020-03	3311-0020-13	23.0	11.2
50 $\Omega$	58 C/U, 141 A/U	3311-0020-04	3311-0020-14	26.8	14.8
50 $\Omega$	316 U (Double Braided)	3311-0020-05	3311-0020-15	24.0	12.2
75 $\Omega$	179 B/U, 187 A/U (B=7,3)	3311-0020-06	3311-0020-16	19.05	7.3
75 $\Omega$	179 B/U, 187 A/U (B=11,2)	3311-0020-07	3311-0020-17	23.0	11.2

## Crimp / Solder Version



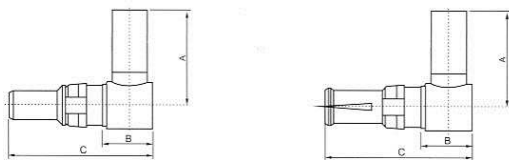
	Cable	Plug	Socket	A	B
50 $\Omega$	178 B/U, 196 A/U, 404 U	3311-0021-01	3311-0021-11	23.0	11.2
50 $\Omega$	174 U, 188 A/U, 316 U	3311-0021-02	3311-0021-12	23.0	11.2
50 $\Omega$	180 B/U	3311-0021-03	3311-0021-13	23.0	11.2
50 $\Omega$	58 C/U, 141 A/U	3311-0021-04	3311-0021-14	26.8	14.8
75 $\Omega$	179 B/U, 187 A/U (B=7,3)	3311-0021-05	3311-0021-15	19.05	7.3
75 $\Omega$	179 B/U, 187 A/U (B=11,2)	3311-0021-06	3311-0021-16	23.0	11.2

## 90° Solder / Solder Version



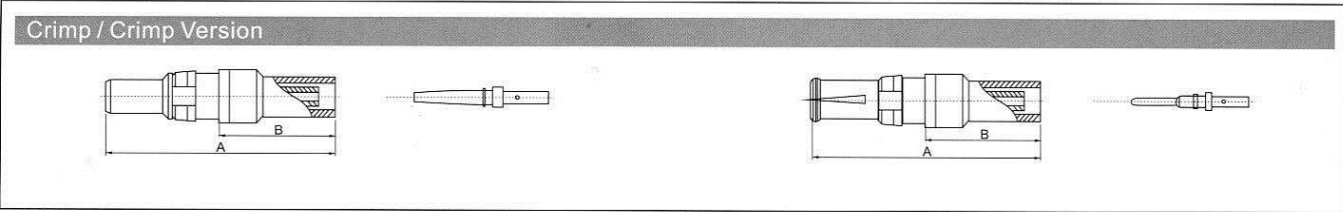
	Cable	Plug	Socket	A	B	C
50 $\Omega$	178 B/U, 96 A/U	3311-0024-01	3311-0024-11	18.5	8.2	19.8
50 $\Omega$	188 A/U, 316 U	3311-0024-02	3311-0024-12	18.5	8.2	19.8
50 $\Omega$	195 A/U, 180 B/U,	3311-0024-03	3311-0024-13	18.2	8.2	19.8
50 $\Omega$	58 C/U, 141 A/U	3311-0024-04	3311-0024-14	18.2	8.2	19.8
75 $\Omega$	179 B/U, 187 A/U	3311-0024-05	3311-0024-15	18.5	8.2	19.8

## 90° Crimp / Solder Version

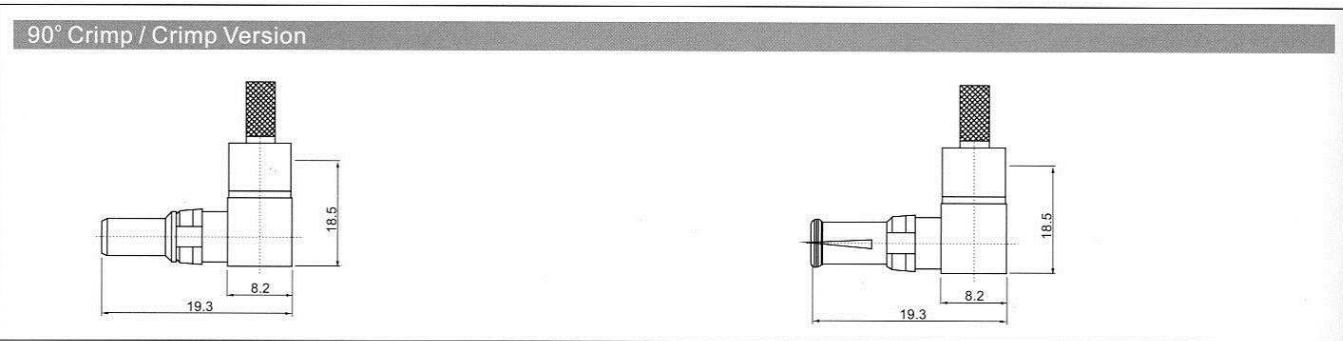


	Cable	Plug	Socket	A	B	C
50 $\Omega$	178 B/U, 96 A/U	3311-0025-01	3311-0025-11	18.5	8.2	19.8
50 $\Omega$	188 A/U, 316 U	3311-0025-02	3311-0025-12	18.5	8.2	19.8
50 $\Omega$	195 A/U, 180 B/U,	3311-0025-03	3311-0025-13	18.2	8.2	19.8
50 $\Omega$	58 C/U, 141 A/U	3311-0025-04	3311-0025-14	18.2	8.2	19.8
75 $\Omega$	179 B/U, 187 A/U	3311-0025-05	3311-0025-15	18.5	8.2	19.8

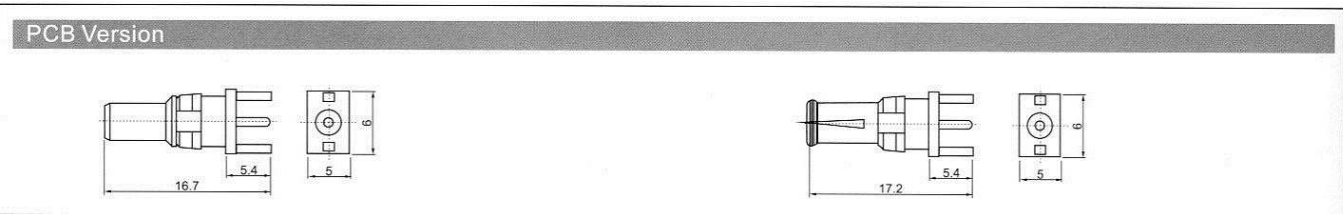
# COAXIAL CONTACTS - 50 Ohm High Quality Machined Pins



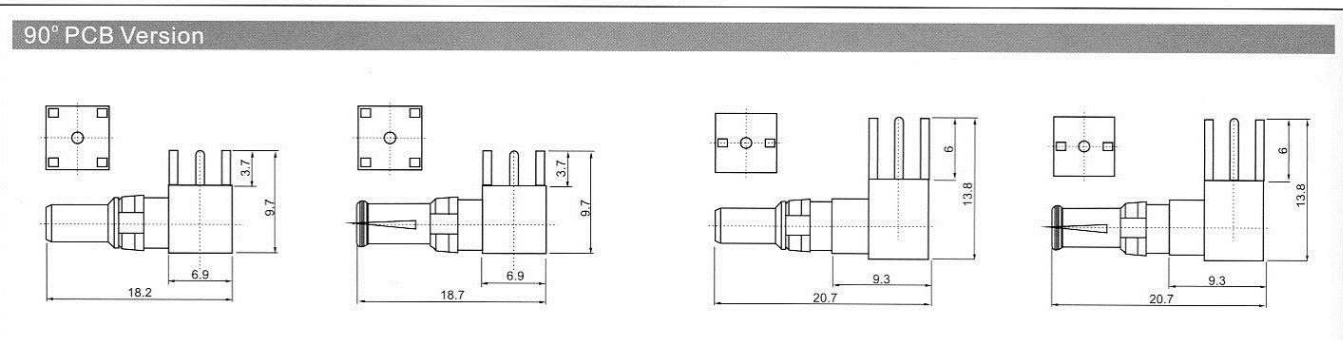
	Cable	Plug	Socket	A	B
50Ω	174 U, 188 A/U, 316 U	3311-0022-01	3311-0022-11	23.0	11.2
50Ω	316 U (Double Braided)	3311-0022-02	3311-0022-12	23.0	11.2
50Ω	58 C/U, 141 A/U	3311-0022-03	3311-0022-13	22.7	10.9
75Ω	179 B/U, 187 A/U	3311-0022-04	3311-0022-14	22.45	11.2
75Ω	180 B/U	3311-0022-05	3311-0022-15	21.65	10.4



	Plug	Socket	Cable
50Ω	3311-0026-01	3311-0026-11	174 U, 188 A/U, 316 U
75Ω	3311-0026-02	3311-0026-12	179 B/U, 187 A/U

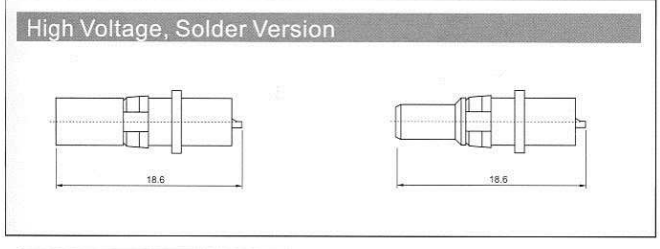


	Plug	Socket
50Ω	3311-0023-01	3311-0023-11
50Ω	3311-0023-02	3311-0023-12



	Plug	Socket
50Ω - 5leg	3311-0027-01	3311-0027-11
75Ω - 5leg	3311-0027-02	3311-0027-12
50Ω - 3leg	3311-0027-01	3311-0027-11
75Ω - 3leg	3311-0027-02	3311-0027-12

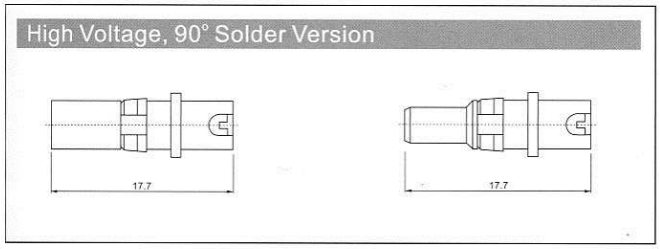
**High Voltage Contacts** **High Quality Machined Pins**



Plug	Socket
3311-0016-01	3311-0016-11

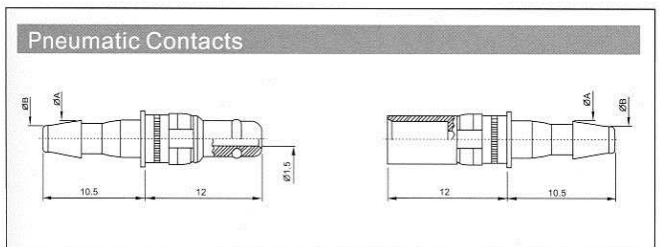
**High Voltage Contacts:**

Body: PTFE  
 Male Contacts: Cu Zn 40 Pb3  
 Female Contacts: Copper Alloy  
 Retainer Clip: Cu Be 2



Plug	Socket
3311-0016-05	3311-0016-15

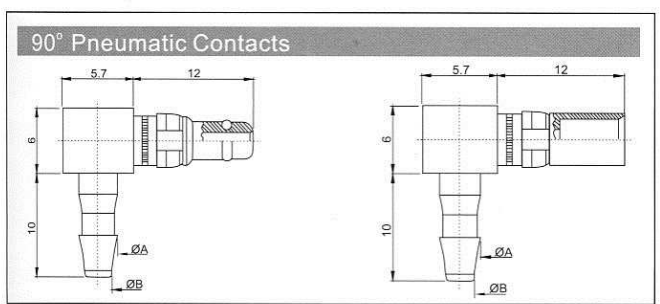
**Pneumatic Contacts** **High Quality Machined Pins**



**Pneumatic Contacts:**

Contact Material: German Silver  
 Material O-ring: Viton  
 Max. Pressure (68oF): 7 bar / 101.5 psi  
 Temperature Range: -10°C to + 60°C

Tube Inner Ø	ØA	ØB	Air Tube	Plug	Socket
2.0	2.6	1.5	PU-2	3311-0017-01	3311-0017-11
2.6	3.1	2.0	PUN4 x 2.5	3311-0017-02	3311-0017-12
3.0	3.4	2.3	PU-3	3311-0017-03	3311-0017-13
4.0	4.8	3.7	PU-4	3311-0017-04	3311-0017-14



Tube Inner Ø	ØA	ØB	Air Tube	Plug	Socket
2.0	2.6	1.5	PU-2	3311-0018-01	3311-0018-11
3.0	3.4	2.3	PU-3	3311-0018-02	3311-0018-12