

Socket connectors 2.54mm

Mating Pin Ø0.47mm

Single row/double row

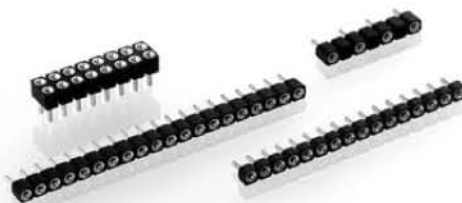
Solder tail

Series: SHA

Socket connectors strips, Solder tail

Technical Specs:

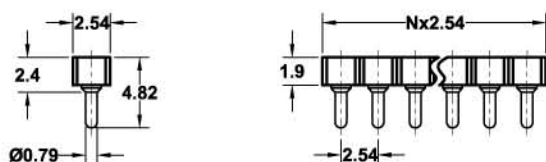
Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	3 N typ.
-Withdrawal	1.5 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

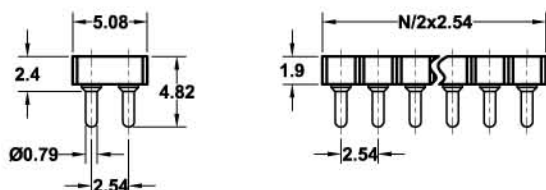
SHA - NNN X - A P P 0482A

No. of Positions	Insulator Type code	Pin Plating code	Clip Plating code
	1 Single row	1 Tin150μ"	1 Tin150μ"
	2 Double row	2 Tin200μ"	2 Tin200μ"
		3 GF	3 GF
		4 Gold2μ"	4 Gold2μ"
		5 Gold3μ"	5 Gold3μ"
		6 Gold10μ"	6 Gold10μ"
		7 Gold15μ"	7 Gold15μ"
		S Special	S Special



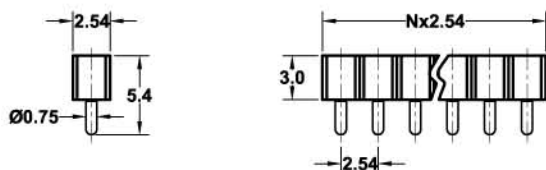
SHA-NNN1-APP0482A

Straight socket connector ultralow
profil height 2.4mm: solder tail,
single row
Availability from: 2 to 40 contacts
Standard number of contacts 20, 32
and 40



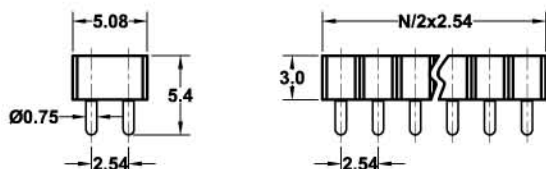
SHA-NNN2-APP0482A

Straight socket connector ultralow
profil height 2.4mm: solder tail,
double row
Availability from: 4 to 80 contacts
Standard number of contacts 20, 56
and 72



SHA-NNN1-BPP0540A

Straight socket connector height
3.0mm: solder tail, single row
Availability from: 1 to 40 contacts
Standard number of contacts 5, 6,
8, 9, 10, 11, 12, 14, 16, 17,
20, 25, 30, 32 and 40



SHA-NNN2-BPP0540A

Straight socket connector height
3.0mm: solder tail, double row
Availability from: 2 to 80 contacts
Standard number of contacts 20,
56, 60 and 72

Socket connectors 2.54mm

Mating Pin Ø0.47mm

Single row/double row

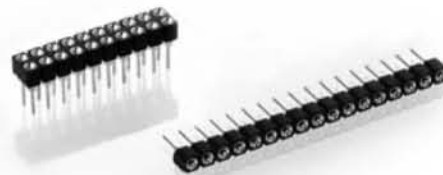
Solder tail

Series: SHA

Socket connectors strips,Solder tail

Technical Specs:

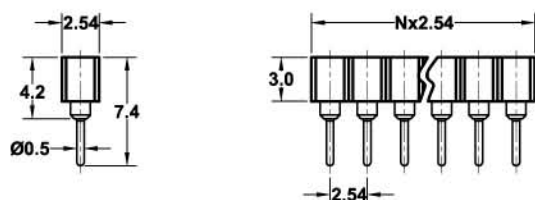
Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	2 N typ.
-Withdrawal	1 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

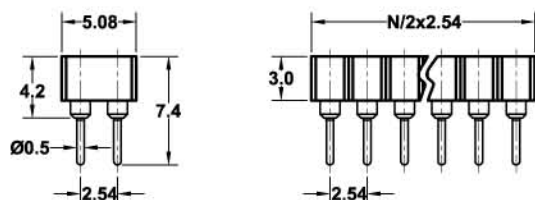
SHA - NNN X - B P P 0740A

No. of Positions	Insulator Type code	Pin Plating code	Clip Plating code
	1 Single row	1 Tin150μ"	1 Tin150μ"
	2 Double row	2 Tin200μ"	2 Tin200μ"
		3 GF	3 GF
		4 Gold2μ"	4 Gold2μ"
		5 Gold3μ"	5 Gold3μ"
		6 Gold10μ"	6 Gold10μ"
		7 Gold15μ"	7 Gold15μ"
		S Special	S Special



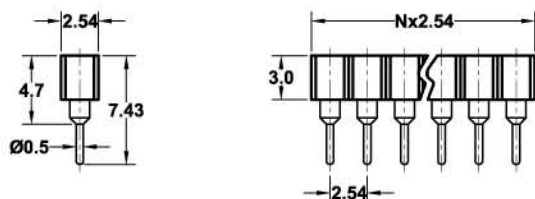
SHA-NNN1-BPP0740A

Straight socket connector height 4.2mm:solder tail,single row
Availability from: 1 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



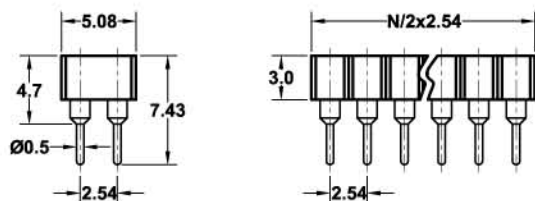
SHA-NNN2-BPP0740A

Straight socket connector height 4.2mm:solder tail,double row
Availability from: 2 to 80 contacts
Standard number of contacts 20, 56, 60 and 72



SHA-NNN1-BPP0743A

Straight socket connector height 4.7mm:solder tail,single row
Availability from: 1 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



SHA-NNN2-BPP0743A

Straight socket connector height 4.7mm:solder tail,double row
Availability from: 2 to 80 contacts
Standard number of contacts 20, 56, 60 and 72

Socket connectors 2.54mm

Mating Pin Ø0.47mm

Single row/double row

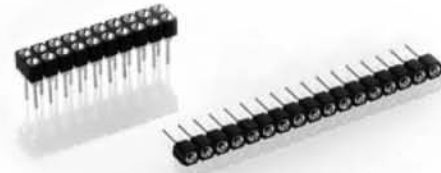
Solder tail

Series: SHA

Socket connectors strips, Solder tail

Technical Specs:

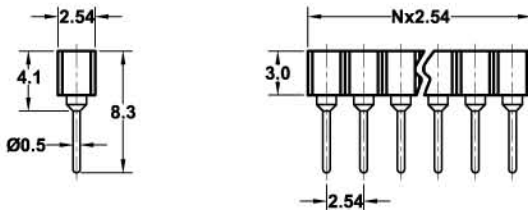
Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	2 N typ.
-Withdrawal	1 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V _{RMS}



Ordering information

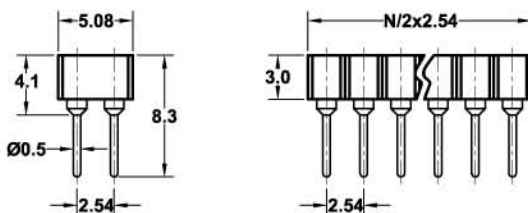
SHA - NNN X - B P P 0830A

No. of Positions	Insulator Type code	Pin Plating code	Clip Plating code
	1 Single row 2 Double row	1 Tin150µ" 2 Tin200µ" 3 GF 4 Gold2µ" 5 Gold3µ" 6 Gold10µ" 7 Gold15µ" S Special	1 Tin150µ" 2 Tin200µ" 3 GF 4 Gold2µ" 5 Gold3µ" 6 Gold10µ" 7 Gold15µ" S Special



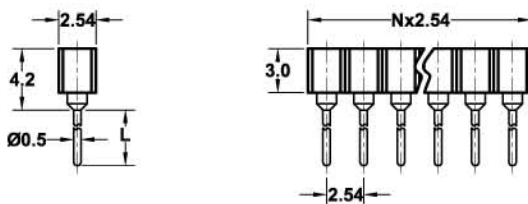
SHA-NNN1-BPP0830A

Straight socket connector height 4.1mm:long solder tail,single row
Availability from: 1 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



SHA-NNN2-BPP0830A

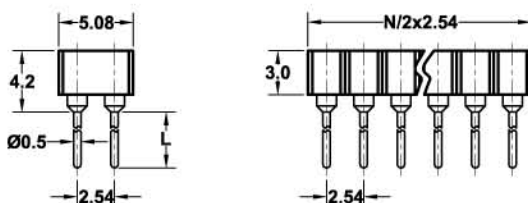
Straight socket connector height 4.1mm:long solder tail,double row
Availability from: 2 to 80 contacts
Standard number of contacts 20, 56, 60 and 72



SHA-NNN1-BPPXXXXA

Straight socket connector height 4.2mm:solder tail,single row
Availability from: 1 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40

code XXXX	Contact length L
1110	6.9mm



SHA-NNN2-BPPXXXXA

Straight socket connector height 4.2mm:solder tail,double row
Availability from: 2 to 80 contacts
Standard number of contacts 20, 56, 60 and 72

code XXXX	Contact length L
1110	6.9mm

Socket connectors 2.54mm

Mating Pin Ø0.47mm

Single row/double row

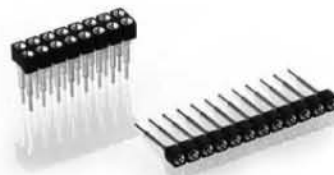
Solder tail

Series: SHA

Socket connectors strips, Solder tail

Technical Specs:

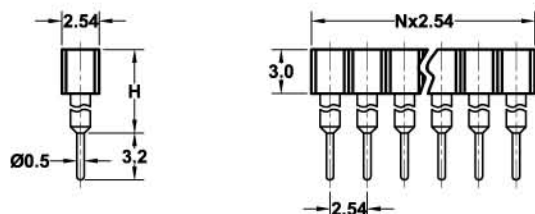
Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	2 N typ.
-Withdrawal	1 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

SHA - NNN X - B P P 1780A

No. of Positions	Insulator Type code	Pin Plating code	Clip Plating code
	1 Single row 2 Double row	1 Tin150µ" 2 Tin200µ" 3 GF 4 Gold2µ" 5 Gold3µ" 6 Gold10µ" 7 Gold15µ" S Special	1 Tin150µ" 2 Tin200µ" 3 GF 4 Gold2µ" 5 Gold3µ" 6 Gold10µ" 7 Gold15µ" S Special



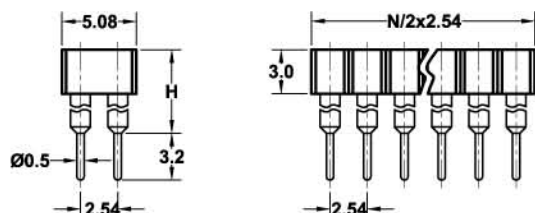
SHA-NNN1-BPPXXXXA

code XXXX	Contact height H
1780	14.6mm
1220	9mm

Straight socket connector length 3.2mm:solder tail,single row

Availability from: 1 to 40 contacts

Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



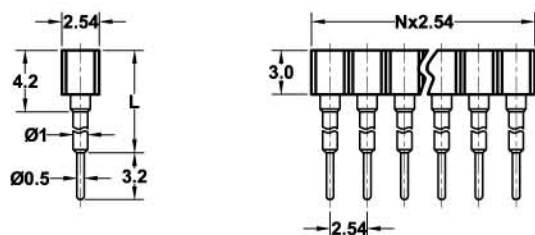
SHA-NNN2-BPPXXXXA

code XXXX	Contact height H
1780	14.6mm
1220	9mm

Straight socket connector length 3.2mm:solder tail,double row

Availability from: 2 to 80 contacts

Standard number of contacts 20, 56, 60 and 72



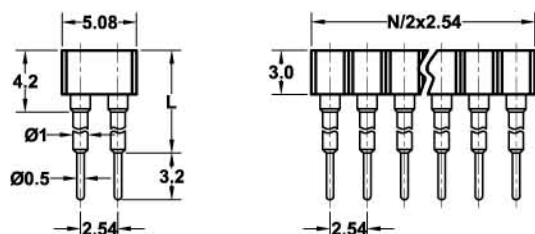
SHA-NNN1-BPPXXXXA

code XXXX	Contact length L
0920	6mm
1020	7mm
1120	8mm
1220	9mm
1340	10mm
1420	11mm
1520	12mm

Interconnect socket strip:solder tail, single row

Availability from: 1 to 40 contacts

Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



SHA-NNN2-BPPXXXXA

code XXXX	Contact length L
0920	6mm
1020	7mm
1120	8mm
1220	9mm
1340	10mm
1420	11mm
1520	12mm

Interconnect socket strip:solder tail, double row

Availability from: 2 to 80 contacts

Standard number of contacts 20, 56, 60 and 72

Socket connectors 2.54mm

Mating Pin Ø0.47mm

Single row/double row

Solder tail

Series: SHA

Socket connectors strips,Solder tail

Technical Specs:

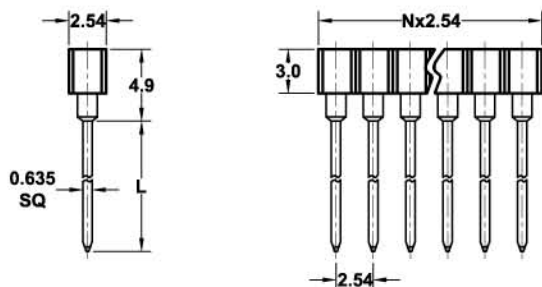
Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	2 N typ.
-Withdrawal	1 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

SHA - NNN X - B P P 1430A

No. of Positions	Insulator Type code	Pin Plating code	Clip Plating code
	1 Single row 2 Double row	1 Tin150µ" 2 Tin200µ" 3 GF 4 Gold2µ" 5 Gold3µ" 6 Gold10µ" 7 Gold15µ" S Special	1 Tin150µ" 2 Tin200µ" 3 GF 4 Gold2µ" 5 Gold3µ" 6 Gold10µ" 7 Gold15µ" S Special



SHA-NNN1-BPPXXXXA

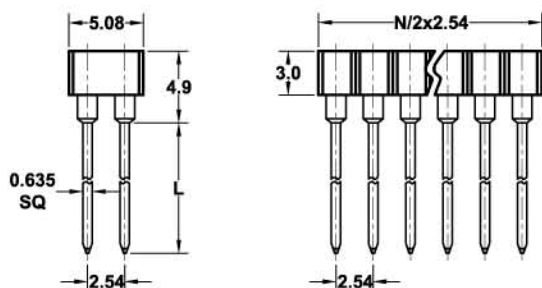
Straight socket connector height

4.9mm:solder tail,single row

Availability from: 1 to 40 contacts

Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40

code XXXX	Contact length L
1430	9.4mm
1780	12.9mm



SHA-NNN1-BPPXXXXA

Straight socket connector height

4.9mm:solder tail,single row

Availability from: 2 to 80 contacts

Standard number of contacts 20, 56, 60 and 72

code XXXX	Contact length L
1430	9.4mm
1780	12.9mm

Socket connectors 2.54mm

Mating Pin Ø0.76mm or 0.64 SQ

Single row/double row

Solder tail

Series: SHA

Socket connectors strips,Solder tail

Technical Specs:

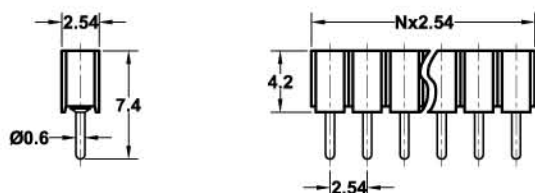
Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (6 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.7 to 0.9 mm or 0.635SQ
Forces:	(polished steel gauge Ø 0.76mm)
-Insertion	1.2 N typ.
-Withdrawal	0.6 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

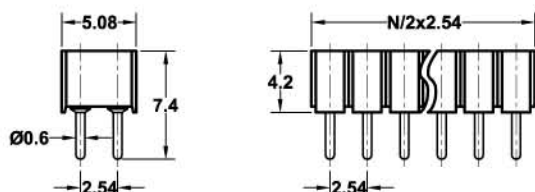
SHA - NNN X - C P P 0740A

No. of Positions	Insulator Type code	Pin Plating code	Clip Plating code
	1 Single row	1 Tin150μ"	1 Tin150μ"
	2 Double row	2 Tin200μ"	2 Tin200μ"
		3 GF	3 GF
		4 Gold2μ"	4 Gold2μ"
		5 Gold3μ"	5 Gold3μ"
		6 Gold10μ"	6 Gold10μ"
		7 Gold15μ"	7 Gold15μ"
		S Special	S Special



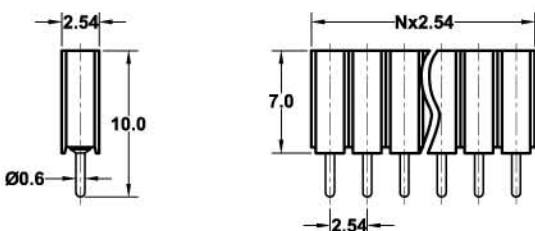
SHA-NNN1-CPP0740A

Straight socket connector height 4.2mm:solder tail,single row
Availability from: 1 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



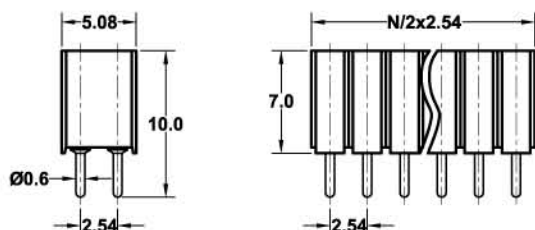
SHA-NNN2-CPP0740A

Straight socket connector height 4.2mm:solder tail,double row
Availability from: 2 to 80 contacts
Standard number of contacts 16, 18, 26, 40, 72 and 80



SHA-NNN1-DPP1000A

Straight socket connector height 7.0mm:solder tail,single row
Availability from: 1 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



SHA-NNN2-DPP1000A

Straight socket connector height 7.0mm:solder tail,double row
Availability from: 2 to 80 contacts
Standard number of contacts 16, 18, 26, 40, 72 and 80

Socket connectors 2.54mm

Mating Pin Ø0.76mm or 0.64 SQ

Single row/double row

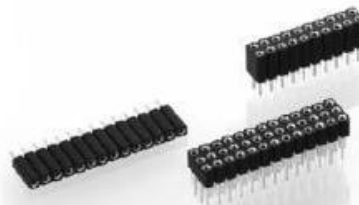
Solder tail

Series: SHA

Socket connectors strips, Solder tail

Technical Specs:

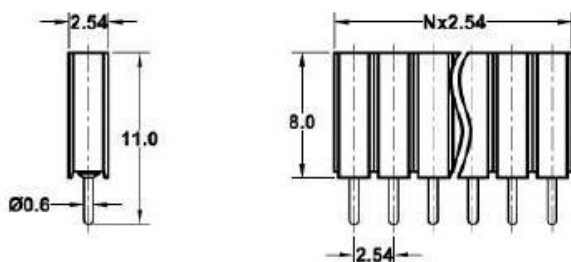
Insulator:	Black glass filled polyester PPS-GF30-FR
Flammability:	UL 94V-0
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (6 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.7 to 0.9 mm or 0.635SQ
Forces:	(polished steel gauge Ø 0.76mm)
-Insertion	1.2 N typ.
-Withdrawal	0.6 N typ.
Mechanical life:	min 500 cycles
Rated current:	3 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V _{RMS}



Ordering information

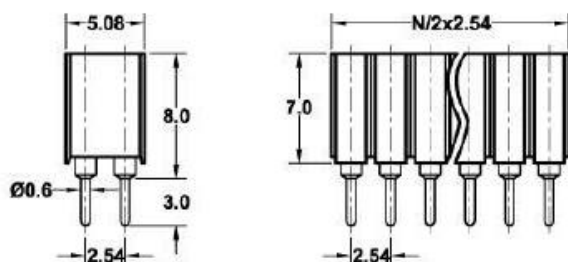
SHA - NNN X - E P P 1100A

No. of Positions	Insulator Type code	Pin Plating code	Clip Plating code
	1 Single row	1 Tin150μ"	1 Tin150μ"
	2 Double row	2 Tin200μ"	2 Tin200μ"
		3 GF	3 GF
		4 Gold2μ"	4 Gold2μ"
		5 Gold3μ"	5 Gold3μ"
		6 Gold10μ"	6 Gold10μ"
		7 Gold15μ"	7 Gold15μ"
		S Special	S Special



SHA-NNN1-EPP1100A

Straight socket connector height 8.0mm:solder tail,single row
Availability from: 1 to 40 contacts
Standard number of contacts 5, 6, 8, 9, 10, 11, 12, 14, 16, 17, 20, 25, 30, 32 and 40



SHA-NNN2-DPP1100A

Straight socket connector height 8.0mm:solder tail,double row
Availability from: 2 to 80 contacts

Dual-in-line sockets 2.54mm

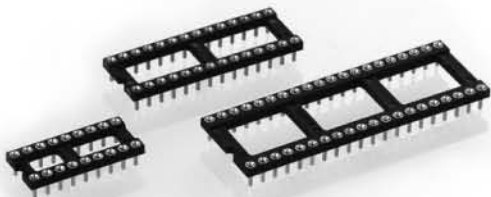
Ultralow and very low profile
Open frame
Solder tail

Series: SHA

"Ultralow"sockets have specially desinged contacts for reduced socket above PCB

Technical Specs:

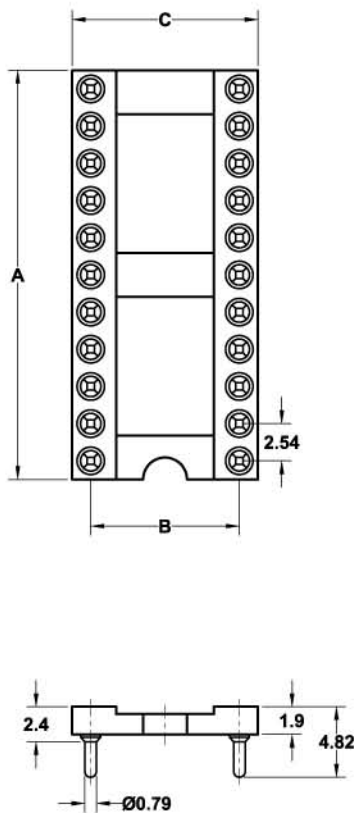
Insulator:	Black glass filled polyester PBT-GF30-FR
Fiammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	3 N typ.
-Withdrawal	1.5 N typ.
Mechanical life:	min 100 cycles
Rated cument:	1 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

SHA - NNN X - A P P 0482A

No. of Positions	Row spacing code	Pin Plating code	Clip Plating code
	3 7.62mm	1 Tin150μ"	1 Tin150μ"
	4 10.16mm	2 Tin200μ"	2 Tin200μ"
	6 15.24mm	3 GF	3 GF
		4 Gold2μ"	4 Gold2μ"
		5 Gold3μ"	5 Gold3μ"
		6 Gold10μ"	6 Gold10μ"
		7 Gold15μ"	7 Gold15μ"
		S Special	S Special



See page 37	No. of Positions	A	B	C	Order Codes
fig. 1	6	7.6	7.62	10.1	SHA-0063-APP0482A
fig. 2	8	10.1	7.62	10.1	SHA-0083-APP0482A
fig. 3	10	12.6	7.62	10.1	SHA-0103-APP0482A
fig. 5	14	17.7	7.62	10.1	SHA-0143-APP0482A
fig. 6	16	20.3	7.62	10.1	SHA-0163-APP0482A
fig. 7	18	22.8	7.62	10.1	SHA-0183-APP0482A
fig. 8	20	25.3	7.62	10.1	SHA-0203-APP0482A
fig. 9	22	27.8	7.62	10.1	SHA-0223-APP0482A
fig. 10	24	30.4	7.62	10.1	SHA-0243-APP0482A
fig. 11	28	35.5	7.62	10.1	SHA-0283-APP0482A
fig. 12	20	25.4	10.16	12.6	SHA-0204-APP0482A
fig. 13	22	27.8	10.16	12.6	SHA-0224-APP0482A
fig. 14	24	30.4	10.16	12.6	SHA-0244-APP0482A
fig. 15	28	35.5	10.16	12.6	SHA-0284-APP0482A
fig. 17	24	30.5	15.24	17.7	SHA-0246-APP0482A
fig. 18	28	35.5	15.24	17.7	SHA-0286-APP0482A
fig. 19	32	40.6	15.24	17.7	SHA-0326-APP0482A
fig. 20	36	45.7	15.24	17.7	SHA-0366-APP0482A
fig. 21	40	50.8	15.24	17.7	SHA-0406-APP0482A
fig. 22	42	53.3	15.24	17.7	SHA-0426-APP0482A
fig. 23	48	60.9	15.24	17.7	SHA-0486-APP0482A
fig. 24	50	63.5	15.24	17.7	SHA-0506-APP0482A

Dual-in-line sockets 2.54mm

Open frame

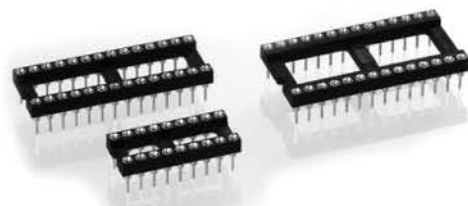
Solder tail

Series: SHA

Open frame standard low profile DIL Sockets

Technical Specs:

Insulator:	Black glass filled polyester PBT-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	2 N typ.
-Withdrawal	1 N typ.
Mechanical life:	min 100 cycles
Rated current:	1 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

SHA - NNN X - B P P 0740A

No. of Positions

Row spacing code

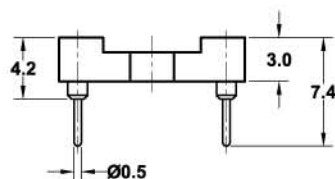
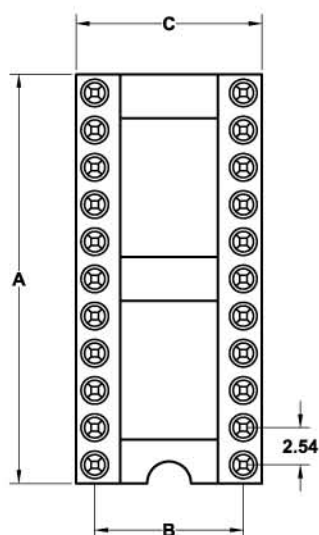
Pin Plating code

Clip Plating code

3	7.62mm
4	10.16mm
6	15.24mm
9	22.86mm

1	Tin150μ"
2	Tin200μ"
3	GF
4	Gold2μ"
5	Gold3μ"
6	Gold10μ"
7	Gold15μ"
S	Special

1	Tin150μ"
2	Tin200μ"
3	GF
4	Gold2μ"
5	Gold3μ"
6	Gold10μ"
7	Gold15μ"
S	Special



See page 37	No. of Positions	A	B	C	Order Codes
fig. 1	6	7.6	7.62	10.1	SHA-0063-BPP0740A
fig. 2	8	10.1	7.62	10.1	SHA-0083-BPP0740A
fig. 3	10	12.6	7.62	10.1	SHA-0103-BPP0740A
fig. 4	12	15.2	7.62	10.1	SHA-0123-BPP0740A
fig. 5	14	17.7	7.62	10.1	SHA-0143-BPP0740A
fig. 6	16	20.3	7.62	10.1	SHA-0163-BPP0740A
fig. 7	18	22.8	7.62	10.1	SHA-0183-BPP0740A
fig. 8	20	25.3	7.62	10.1	SHA-0203-BPP0740A
fig. 9	22	27.8	7.62	10.1	SHA-0223-BPP0740A
fig. 10	24	30.4	7.62	10.1	SHA-0243-BPP0740A
fig. 11	28	35.5	7.62	10.1	SHA-0283-BPP0740A
fig. 12	20	25.4	10.16	12.6	SHA-0204-BPP0740A
fig. 13	22	27.8	10.16	12.6	SHA-0224-BPP0740A
fig. 14	24	30.4	10.16	12.6	SHA-0244-BPP0740A
fig. 15	28	35.5	10.16	12.6	SHA-0284-BPP0740A
fig. 16	32	40.6	10.16	12.6	SHA-0324-BPP0740A
fig. 17	24	30.5	15.24	17.7	SHA-0246-BPP0740A
fig. 18	28	35.5	15.24	17.7	SHA-0286-BPP0740A
fig. 19	32	40.6	15.24	17.7	SHA-0326-BPP0740A
fig. 20	36	45.7	15.24	17.7	SHA-0366-BPP0740A
fig. 21	40	50.8	15.24	17.7	SHA-0406-BPP0740A
fig. 22	42	53.3	15.24	17.7	SHA-0426-BPP0740A
fig. 23	48	60.9	15.24	17.7	SHA-0486-BPP0740A
fig. 24	50	63.5	15.24	17.7	SHA-0506-BPP0740A
fig. 25	52	66.0	15.24	17.7	SHA-0526-BPP0740A
fig. 26	50	63.5	22.86	25.3	SHA-0509-BPP0740A
fig. 27	52	66.0	22.86	25.3	SHA-0529-BPP0740A
fig. 28	64	81.2	22.86	25.3	SHA-0649-BPP0740A

Dual-in-line sockets 2.54mm

Open frame

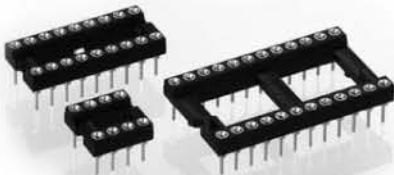
Solder tail

Series: SHA

Open frame standard low profile DIL Sockets

Technical Specs:

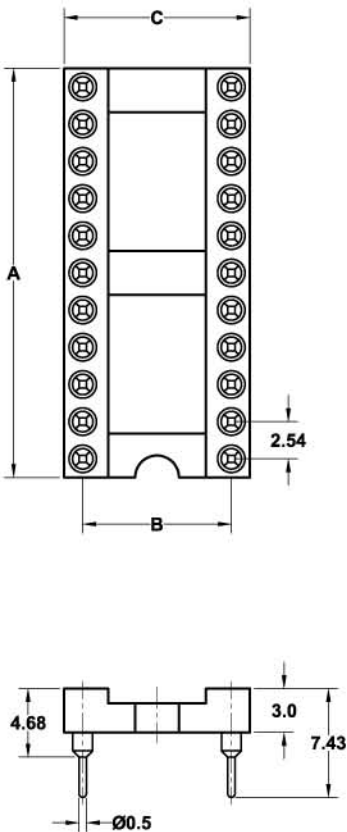
Insulator:	Black glass filled polyester PBT-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	2 N typ.
-Withdrawal	1 N typ.
Mechanical life:	min 100 cycles
Rated current:	1 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

SHA - NNN X - B P P 0743A

No. of Positions	Row spacing code	Pin Plating code	Clip Plating code
	3 7.62mm	1 Tin150µ"	1 Tin150µ"
	4 10.16mm	2 Tin200µ"	2 Tin200µ"
	6 15.24mm	3 GF	3 GF
	9 22.86mm	4 Gold2µ"	4 Gold2µ"
		5 Gold3µ"	5 Gold3µ"
		6 Gold10µ"	6 Gold10µ"
		7 Gold15µ"	7 Gold15µ"
		S Special	S Special



See page 37	No. of Positions	A	B	C	Order Codes
fig. 1	6	7.6	7.62	10.1	SHA-0063-BPP0743A
fig. 2	8	10.1	7.62	10.1	SHA-0083-BPP0743A
fig. 3	10	12.6	7.62	10.1	SHA-0103-BPP0743A
fig. 4	12	15.2	7.62	10.1	SHA-0123-BPP0743A
fig. 5	14	17.7	7.62	10.1	SHA-0143-BPP0743A
fig. 6	16	20.3	7.62	10.1	SHA-0163-BPP0743A
fig. 7	18	22.8	7.62	10.1	SHA-0183-BPP0743A
fig. 8	20	25.3	7.62	10.1	SHA-0203-BPP0743A
fig. 9	22	27.8	7.62	10.1	SHA-0223-BPP0743A
fig. 10	24	30.4	7.62	10.1	SHA-0243-BPP0743A
fig. 11	28	35.5	7.62	10.1	SHA-0283-BPP0743A
fig. 12	20	25.4	10.16	12.6	SHA-0204-BPP0743A
fig. 13	22	27.8	10.16	12.6	SHA-0224-BPP0743A
fig. 14	24	30.4	10.16	12.6	SHA-0244-BPP0743A
fig. 15	28	35.5	10.16	12.6	SHA-0284-BPP0743A
fig. 16	32	40.6	10.16	12.6	SHA-0324-BPP0743A
fig. 17	24	30.5	15.24	17.7	SHA-0246-BPP0743A
fig. 18	28	35.5	15.24	17.7	SHA-0286-BPP0743A
fig. 19	32	40.6	15.24	17.7	SHA-0326-BPP0743A
fig. 20	36	45.7	15.24	17.7	SHA-0366-BPP0743A
fig. 21	40	50.8	15.24	17.7	SHA-0406-BPP0743A
fig. 22	42	53.3	15.24	17.7	SHA-0426-BPP0743A
fig. 23	48	60.9	15.24	17.7	SHA-0486-BPP0743A
fig. 24	50	63.5	15.24	17.7	SHA-0506-BPP0743A
fig. 25	52	66.0	15.24	17.7	SHA-0526-BPP0743A
fig. 26	50	63.5	22.86	25.3	SHA-0509-BPP0743A
fig. 27	52	66.0	22.86	25.3	SHA-0529-BPP0743A
fig. 28	64	81.2	22.86	25.3	SHA-0649-BPP0743A

Dual-in-line sockets 2.54mm

Open frame

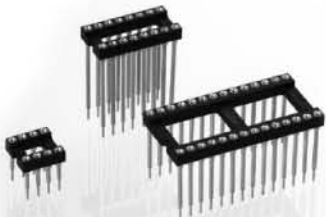
Solder tail

Series: SHA

Open frame standard low profile DIL Sockets

Technical Specs:

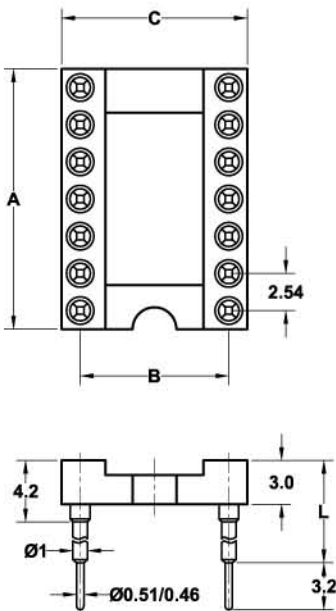
Insulator:	Black glass filled polyester PBT-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	2 N typ.
-Withdrawal	1 N typ.
Mechanical life:	min 100 cycles
Rated current:	1 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

SHA - NNN X - B P P 1320A

No. of Positions	Row spacing code	Pin Plating code	Clip Plating code
	3 7.62mm	1 Tin150µ"	1 Tin150µ"
	4 10.16mm	2 Tin200µ"	2 Tin200µ"
	6 15.24mm	3 GF	3 GF
	9 22.86mm	4 Gold2µ"	4 Gold2µ"
		5 Gold3µ"	5 Gold3µ"
		6 Gold10µ"	6 Gold10µ"
		7 Gold15µ"	7 Gold15µ"
		S Special	S Special



code XXXX	Contact length L
0920	6mm
1020	7mm
1120	8mm
1220	9mm
1320	10mm
1420	11mm
1520	12mm
1620	13mm
1820	15mm
2120	18mm
2520	22mm
3620	33mm

See page 37	No. of Positions	A	B	C	Order Codes
fig. 1	6	7.6	7.62	10.1	SHA-0063-BPPXXXXA
fig. 2	8	10.1	7.62	10.1	SHA-0083-BPPXXXXA
fig. 3	10	12.6	7.62	10.1	SHA-0103-BPPXXXXA
fig. 4	12	15.2	7.62	10.1	SHA-0123-BPPXXXXA
fig. 5	14	17.7	7.62	10.1	SHA-0143-BPPXXXXA
fig. 6	16	20.3	7.62	10.1	SHA-0163-BPPXXXXA
fig. 7	18	22.8	7.62	10.1	SHA-0183-BPPXXXXA
fig. 8	20	25.3	7.62	10.1	SHA-0203-BPPXXXXA
fig. 9	22	27.8	7.62	10.1	SHA-0223-BPPXXXXA
fig. 10	24	30.4	7.62	10.1	SHA-0243-BPPXXXXA
fig. 11	28	35.5	7.62	10.1	SHA-0283-BPPXXXXA
fig. 12	20	25.4	10.16	12.6	SHA-0204-BPPXXXXA
fig. 13	22	27.8	10.16	12.6	SHA-0224-BPPXXXXA
fig. 14	24	30.4	10.16	12.6	SHA-0244-BPPXXXXA
fig. 15	28	35.5	10.16	12.6	SHA-0284-BPPXXXXA
fig. 16	32	40.6	10.16	12.6	SHA-0324-BPPXXXXA
fig. 17	24	30.5	15.24	17.7	SHA-0246-BPPXXXXA
fig. 18	28	35.5	15.24	17.7	SHA-0286-BPPXXXXA
fig. 19	32	40.6	15.24	17.7	SHA-0326-BPPXXXXA
fig. 20	36	45.7	15.24	17.7	SHA-0366-BPPXXXXA
fig. 21	40	50.8	15.24	17.7	SHA-0406-BPPXXXXA
fig. 22	42	53.3	15.24	17.7	SHA-0426-BPPXXXXA
fig. 23	48	60.9	15.24	17.7	SHA-0486-BPPXXXXA
fig. 24	50	63.5	15.24	17.7	SHA-0506-BPPXXXXA
fig. 25	52	66.0	15.24	17.7	SHA-0526-BPPXXXXA
fig. 26	50	63.5	22.86	25.3	SHA-0509-BPPXXXXA
fig. 27	52	66.0	22.86	25.3	SHA-0529-BPPXXXXA
fig. 28	64	81.2	22.86	25.3	SHA-0649-BPPXXXXA

Dual-in-line sockets 2.54mm

Open frame

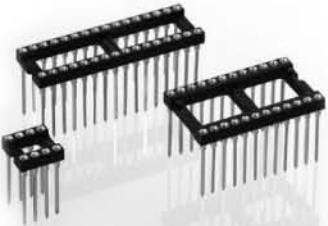
Solder tail

Series: SHA

Open frame standard low profile DIL Sockets

Technical Specs:

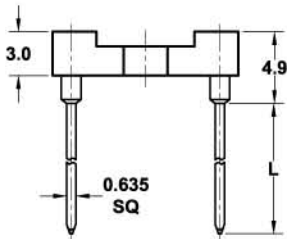
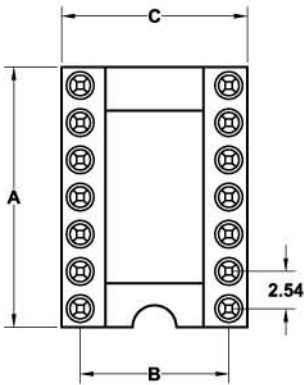
Insulator:	Black glass filled polyester PBT-GF30-FR
Flammability:	UL 94V-O
Sleeve:	Brass CuZn 36pb3(36000)
Contact clip (4 finger):	Beryllium copper (C17200)
Mating pin Ø:	0.40 to 0.56 mm
Forces:	(polished steel gauge Ø 0.43mm)
-Insertion	2 N typ.
-Withdrawal	1 N typ.
Mechanical life:	min 100 cycles
Rated current:	1 A
Contact resistance:	max 10 mΩ
Dielectric strength:	min 1000V RMS



Ordering information

SHA - NNN X - B P P 1780B

No. of Positions	Row spacing code	Pin Plating code	Clip Plating code
	3 7.62mm	1 Tin150µ"	1 Tin150µ"
	4 10.16mm	2 Tin200µ"	2 Tin200µ"
	6 15.24mm	3 GF	3 GF
	9 22.86mm	4 Gold2µ"	4 Gold2µ"
		5 Gold3µ"	5 Gold3µ"
		6 Gold10µ"	6 Gold10µ"
		7 Gold15µ"	7 Gold15µ"
		S Special	S Special



code XXXX	Contact length L
1150	6.6mm
1430	9.4mm
1780	12.9mm
1220	16.0mm

See page 37	No. of Positions	A	B	C	Order Codes
fig. 1	6	7.6	7.62	10.1	SHA-0063-BPPXXXXB
fig. 2	8	10.1	7.62	10.1	SHA-0083-BPPXXXXB
fig. 3	10	12.6	7.62	10.1	SHA-0103-BPPXXXXB
fig. 4	12	15.2	7.62	10.1	SHA-0123-BPPXXXXB
fig. 5	14	17.7	7.62	10.1	SHA-0143-BPPXXXXB
fig. 6	16	20.3	7.62	10.1	SHA-0163-BPPXXXXB
fig. 7	18	22.8	7.62	10.1	SHA-0183-BPPXXXXB
fig. 8	20	25.3	7.62	10.1	SHA-0203-BPPXXXXB
fig. 9	22	27.8	7.62	10.1	SHA-0223-BPPXXXXB
fig. 10	24	30.4	7.62	10.1	SHA-0243-BPPXXXXB
fig. 11	28	35.5	7.62	10.1	SHA-0283-BPPXXXXB
fig. 12	20	25.4	10.16	12.6	SHA-0204-BPPXXXXB
fig. 13	22	27.8	10.16	12.6	SHA-0224-BPPXXXXB
fig. 14	24	30.4	10.16	12.6	SHA-0244-BPPXXXXB
fig. 15	28	35.5	10.16	12.6	SHA-0284-BPPXXXXB
fig. 16	32	40.6	10.16	12.6	SHA-0324-BPPXXXXB
fig. 17	24	30.5	15.24	17.7	SHA-0246-BPPXXXXB
fig. 18	28	35.5	15.24	17.7	SHA-0286-BPPXXXXB
fig. 19	32	40.6	15.24	17.7	SHA-0326-BPPXXXXB
fig. 20	36	45.7	15.24	17.7	SHA-0366-BPPXXXXB
fig. 21	40	50.8	15.24	17.7	SHA-0406-BPPXXXXB
fig. 22	42	53.3	15.24	17.7	SHA-0426-BPPXXXXB
fig. 23	48	60.9	15.24	17.7	SHA-0486-BPPXXXXB
fig. 24	50	63.5	15.24	17.7	SHA-0506-BPPXXXXB
fig. 25	52	66.0	15.24	17.7	SHA-0526-BPPXXXXB
fig. 26	50	63.5	22.86	25.3	SHA-0509-BPPXXXXB
fig. 27	52	66.0	22.86	25.3	SHA-0529-BPPXXXXB
fig. 28	64	81.2	22.86	25.3	SHA-0649-BPPXXXXB