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SOCKET CONNECTORS 2 mm

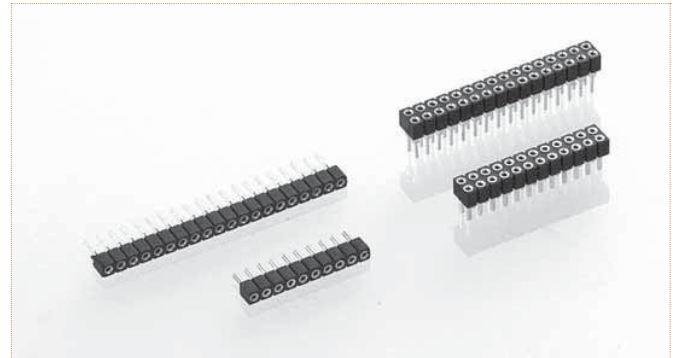
SINGLE ROW / DOUBLE ROW / SOLDER TAIL

"Hard metric" PCB socket connectors, solder tail.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
SLEEVE	Brass CuZn36Pb3 (C36000)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.40 to 0.66 mm, ∇ 0.50 mm
FORCES	0.7 N typ. insertion 0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 VRMS

For corresponding pin connectors, see pages 64-68.



ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold

Other plating on request (see page 178 for plating specs).

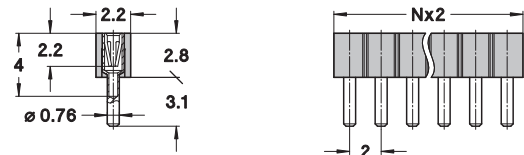
NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 833-87-**NNN**-10-001101 for a double row version with 16 pins becomes 833-87-**016**-10-001101.

PCB CONNECTORS

831-PP-NNN-10-273101

Straight socket connector, low profile height 2.8 mm, solder tail, single row

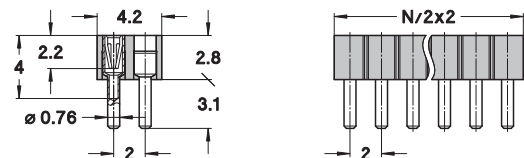
AVAILABILITY FROM 2 to 50 contacts
(standard number of contacts: 50)



833-PP-NNN-10-273101

Straight socket connector, low profile height 2.8 mm, solder tail, double row

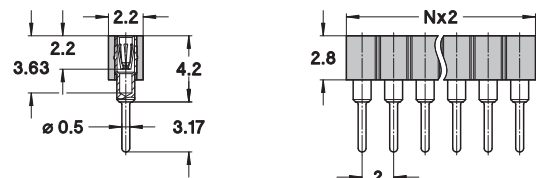
AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)



831-PP-NNN-10-001101

Straight socket connector, height 4.2 mm, solder tail, single row

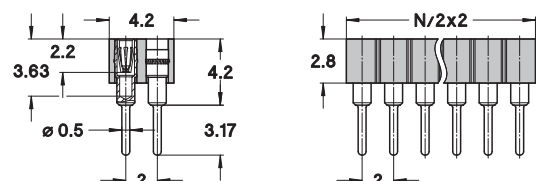
AVAILABILITY FROM 2 to 50 contacts
(standard number of contacts: 50)



833-PP-NNN-10-001101

Straight socket connector, height 4.2 mm, solder tail, double row

AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)





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SOCKET CONNECTORS 2 mm

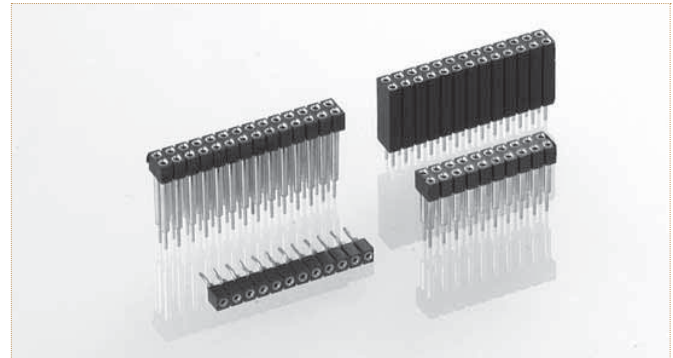
SINGLE ROW / DOUBLE ROW / SOLDER TAIL

"Hard metric" PCB socket connectors, solder tail.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR (PCT-GF30-FR for 833...10-457101)
FLAMMABILITY	UL 94V-0
SLEEVE	Brass CuZn36Pb3 (C36000)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.40 to 0.56 mm, ∇ 0.50 mm
FORCES	0.7 N typ. insertion 0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 VRMS

For corresponding pin connectors, see pages 64-68.



Other plating on request (see page 178 for plating specs).

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 833-87-**NNN**-10-453101 for a double row version with 16 pins becomes 833-87-**016**-10-453101.

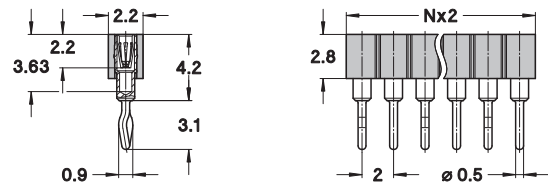
ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold

831-PP-NNN-10-230101

Straight socket connector, height 4.2 mm, with clinched (right/left) solder tails, single row

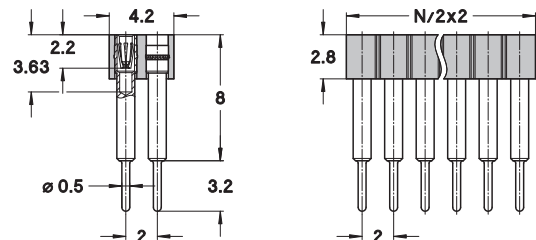
AVAILABILITY FROM 3 to 50 contacts
(standard number of contacts: 50)



833-PP-NNN-10-453101

Straight socket connector, height 8 mm, solder tail, double row

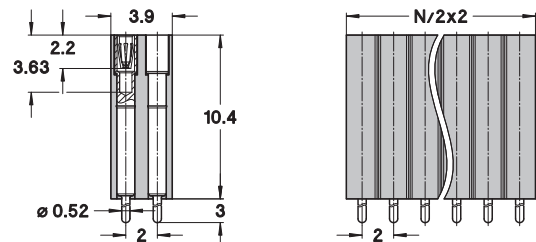
AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)



833-PP-NNN-10-457101

Straight socket connector, height 10.4 mm, solder tail, double row

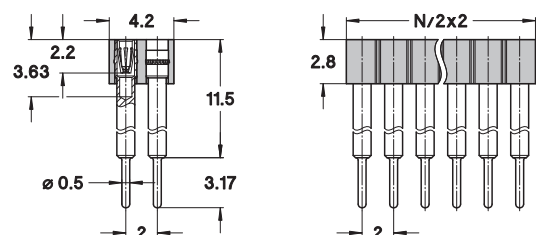
AVAILABILITY FROM 4 to 50 contacts
(standard number of contacts: 50)



833-PP-NNN-10-287101

Straight socket connector, height 11.5 mm, solder tail, double row

AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)





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SOCKET CONNECTORS 2 mm

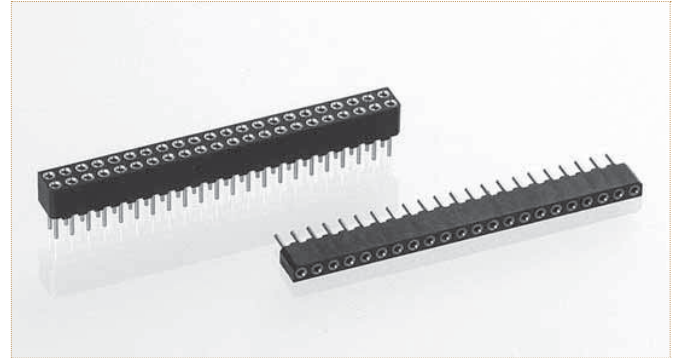
SINGLE ROW / DOUBLE ROW / SOLDER TAIL

"Hard metric" PCB socket connectors, solder tail, polarised.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
SLEEVE	Brass CuZn36Pb3 (C36000)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.40 to 0.66 mm, ∇ 0.50 mm
FORCES	0.7 N typ. insertion 0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 VRMS

For corresponding pin connectors, see pages 64-68.



ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold

Other plating on request (see page 178 for plating specs).

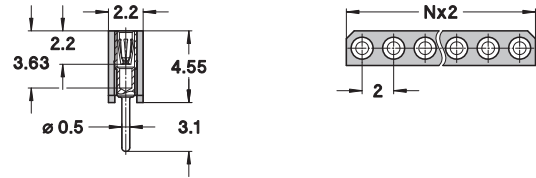
NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 833-87-**NNN**-10-245101 for a double row version with 26 pins becomes 833-87-**026**-10-245101.

PCB CONNECTORS

831-PP-NNN-10-242101

Straight socket connector height 4.55 mm, solder tail, single row, polarised

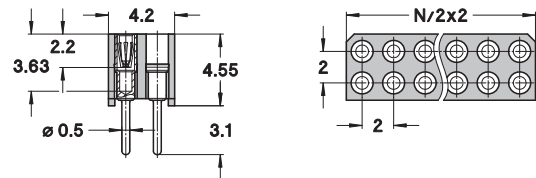
AVAILABILITY FROM	22 contacts
	Other pin number on request



833-PP-NNN-10-245101

Straight socket connector height 4.55 mm, solder tail, double row, polarised

AVAILABILITY FROM	26 and 44 contacts
	Other pin number on request





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SOCKET CONNECTORS 2 mm

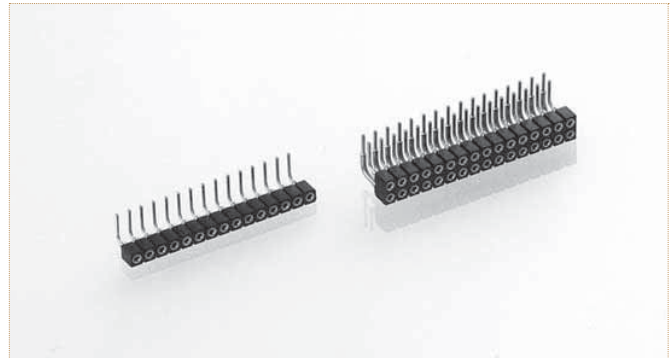
SINGLE ROW / DOUBLE ROW / SOLDER TAIL / RIGHT ANGLE

"Hard metric" PCB socket connectors right angle, solder tail.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
SLEEVE	Brass CuZn36Pb3 (C36000)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.40 to 0.66 mm, ∇ 0.50 mm
FORCES	0.7 N typ. insertion 0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 VRMS

For corresponding pin connectors, see pages 64-68.



ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold

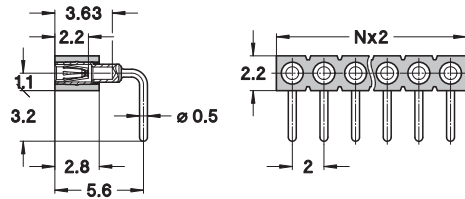
Other plating on request (see page 178 for plating specs).

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 833-87-**NNN**-20-001101 for a double row version with 16 pins becomes 833-87-**016**-20-001101.

831-PP-NNN-20-001101

Right angle socket connector, solder tail, single row

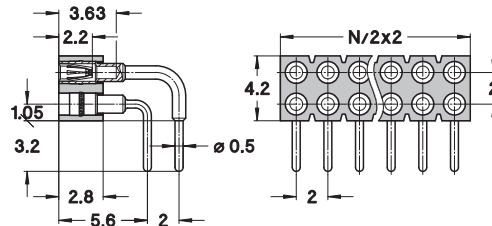
AVAILABILITY FROM 2 to 50 contacts
(standard number of contacts: 50)



833-PP-NNN-20-001101

Right angle socket connector, solder tail, double row

AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)





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SOCKET CONNECTORS 2 mm

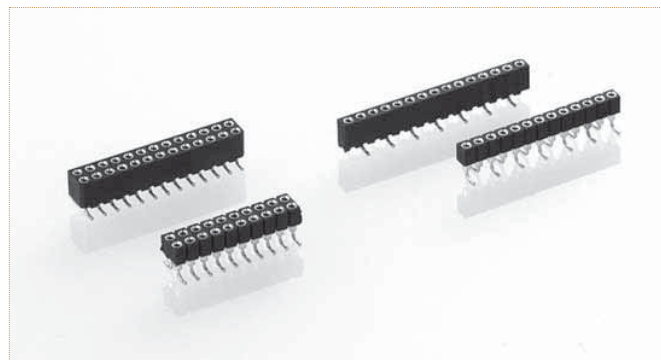
SINGLE ROW / DOUBLE ROW / SURFACE MOUNT

"Hard metric" PCB socket connectors, SMD perpendicular mount.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
SLEEVE	Brass CuZn36Pb3 (C36000)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.40 to 0.56 mm, ∇ 0.50 mm
FORCES	0.7 N typ. insertion 0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 VRMS
COPLANARITY SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)

For corresponding pin connectors, see pages 64-68.



Other plating on request (see page 178 for plating specs).

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 833-87-**NNN**-30-001101 for a double row version with 16 pins becomes 833-87-**016**-30-001101.

ORDERING INFORMATION ROHS COMPLIANT PARTS

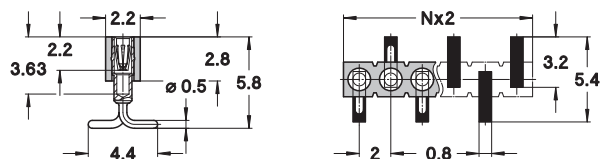
PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold

Bulk: T & R Packaging with pick & place cap* :

831-PP-**NNN**-30-001101 831-PP-**NNN**-30-001191

SMD socket connector, single row, perpendicular mount

AVAILABILITY FROM 3 to 50 contacts
(standard number of contacts: 50)
For connectors having more than 12 contacts, the coplanarity issue is to be addressed specifically



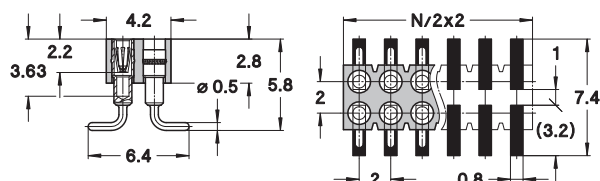
*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

Bulk: T & R Packaging with pick & place cap* :

833-PP-**NNN**-30-001101 833-PP-**NNN**-30-001191

SMD socket connector, double row, perpendicular mount

AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)
For connectors having more than 12 contacts per row, the coplanarity issue is to be addressed specifically



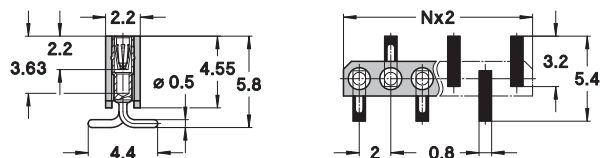
*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

Bulk: T & R Packaging with pick & place cap* :

831-PP-**NNN**-30-242101 831-PP-**NNN**-30-242191

SMD socket connector, single row, perpendicular mount, polarised

AVAILABILITY 22 contacts
Other pin number on request
For connectors having more than 12 contacts, the coplanarity issue is to be addressed specifically



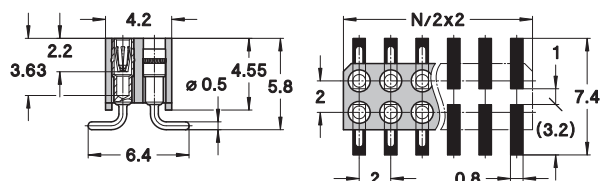
*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

Bulk: T & R Packaging with pick & place cap* :

833-PP-**NNN**-30-245101 833-PP-**NNN**-30-245191

SMD socket connector, double row, perpendicular mount, polarised

AVAILABILITY FROM 26 and 44 contacts
Other pin number on request
For connectors having more than 12 contacts per row, the coplanarity issue is to be addressed specifically



*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

Due to technical progress, all information provided is subject to change without prior notice.



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SOCKET CONNECTORS 2 mm

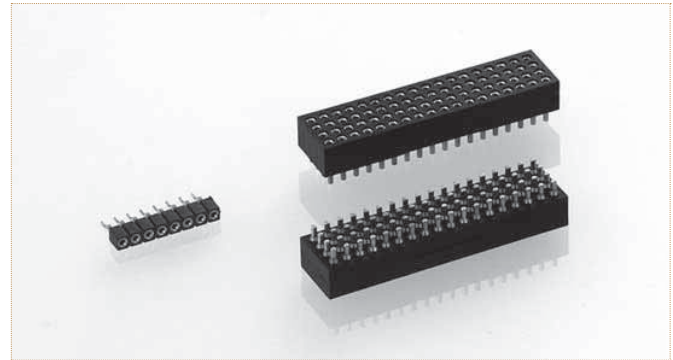
SINGLE ROW / QUAD ROW / SURFACE MOUNT

"Hard metric" PCB socket connectors, SMD mount.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR (PCT-GF30-FR for 837...30-291101)
FLAMMABILITY	UL 94V-0
SLEEVE	Brass CuZn36Pb3 (C36000)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.40 to 0.66 mm, ∇ 0.50 mm
FORCES	0.7 N typ. insertion 0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 VRMS
COPLANARITY SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)

For corresponding pin connectors, see pages 64-68.



Other plating on request (see page 178 for plating specs).

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 831-87-**NNN**-40-001101 for a single row version with 16 pins becomes 831-87-**016**-40-001101.

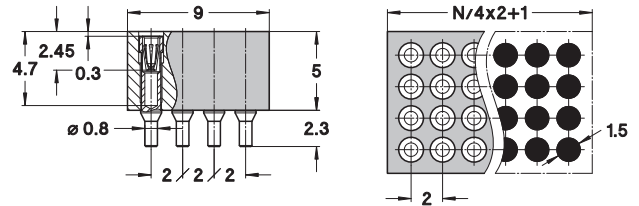
ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold

837-83-**NNN**-30-291101

SMD socket connector, 4 row, perpendicular mount, floating pin

AVAILABILITY	72 and 200 contacts Other pin number on request
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Bulk:

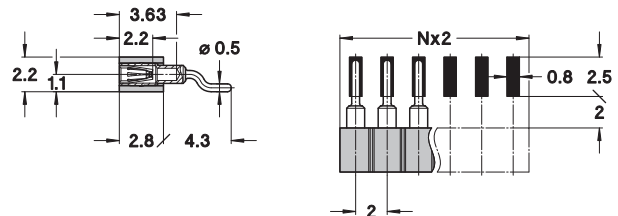
831-**PP-NNN**-40-001101

T & R Packaging*:

831-**PP-NNN**-40-001191

SMD socket connector, single row, parallel mount

AVAILABILITY FROM	2 to 50 contacts (standard number of contacts: 50) For connectors having more than 12 contacts, the coplanarity issue is to be addressed specifically
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*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.



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SOCKET CONNECTORS 2 mm

SINGLE ROW / DOUBLE ROW / PRESS-FIT

PCB CONNECTORS

"Hard metric" PCB socket connectors, solderless press-fit mount.

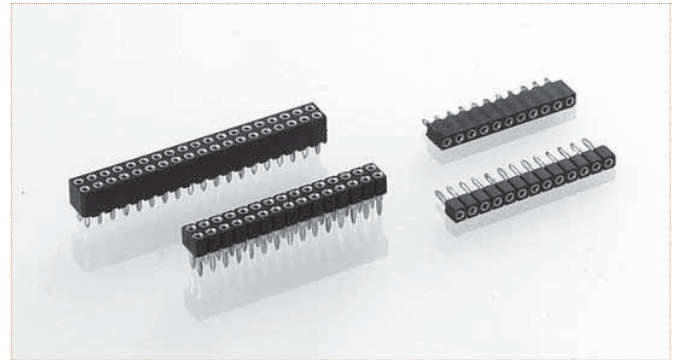
TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
SLEEVE	Bronze CuSn4Pb4Zn4 (C54400)
CONTACT CLIP (6 FINGER)	Beryllium copper (C17200)
MATING PINS	Ø 0.40 to 0.66 mm, ∇ 0.50 mm
FORCES	0.7 N typ. insertion 0.4 N typ. withdrawal (polished steel gauge Ø 0.46 mm)
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
CONTACT RESISTANCE	Max. 10 mΩ
DIELECTRIC STRENGTH	Min. 1'000 V _{RMS}
PCB HOLE Ø	0.7 +0.07/-0.05 mm finished (0.8 ±0.025 mm drill)

For corresponding pin connectors, see pages 64-68.

ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	SLEEVE	CLIP
87	Tin	Flash gold
83	Tin	0.75 µm gold



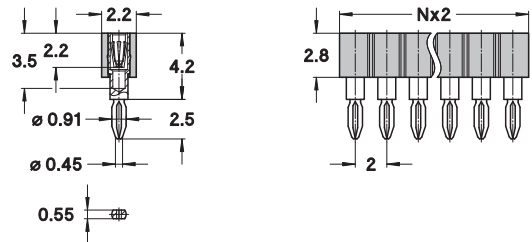
Other plating on request (see page 178 for plating specs).

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 833-87-**NNN**-64-001101 for a double row version with 16 pins becomes 833-87-**016**-64-001101.

831-PP-NNN-64-001101

Press-fit socket connector, single row, compliant pin for PCB thickness 1.5 to 2 mm

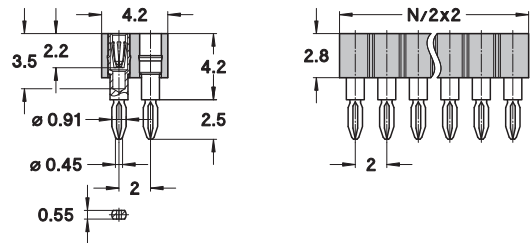
AVAILABILITY FROM 2 to 50 contacts
(standard number of contacts: 50)



833-PP-NNN-64-001101

Press-fit socket connector, double row, compliant pin for PCB thickness 1.5 to 2 mm

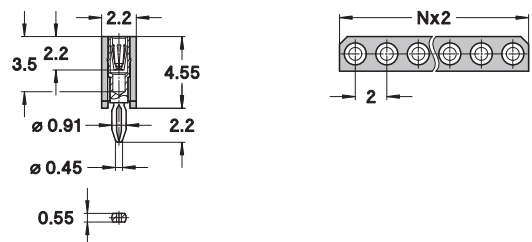
AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)



831-PP-NNN-64-242101

Press-fit socket connector polarised, single row, compliant pin for PCB thickness 1.5 to 2 mm

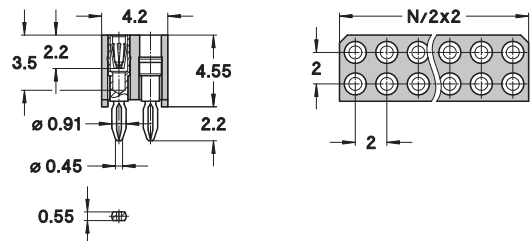
AVAILABILITY 22 contacts
Other pin number on request



833-PP-NNN-64-245101

Press-fit socket connector polarised, double row, compliant pin for PCB thickness 1.5 to 2 mm

AVAILABILITY 26 and 44 contacts
Other pin number on request





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PIN CONNECTORS 2 mm

SINGLE ROW / DOUBLE ROW / SOLDER TAIL

"Hard metric" PCB pin connectors, solder tail.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

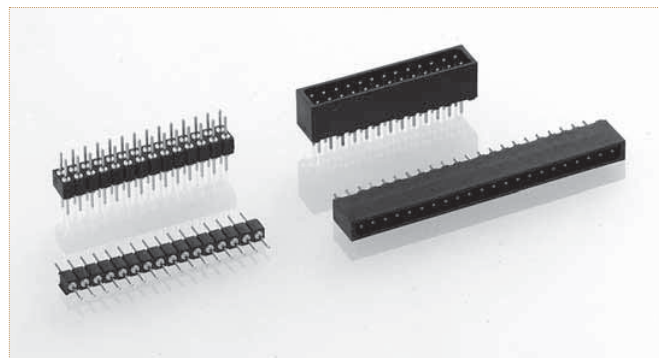
INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
CONTACT	Brass CuZn36Pb3 (C36000)
CONNECTING PIN Ø	0.47 mm
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
DIELECTRIC STRENGTH	Min. 1'000 V _{RMS}

For corresponding socket connectors, see pages 57-63.

ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	TERMINATION	CONNECTING PIN
10	0.25 µm gold	0.25 µm gold
80	Tin	Tin
V3*	Tin	0.75 µm gold

*only for 830/832...12-002101 series



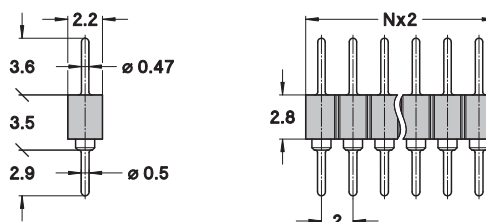
Other plating on request (see page 178 for plating specs).

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 830-10-**NNN**-10-001101 for a single row version with 8 pins becomes 830-10-**008**-10-001101.

830-PP-NNN-10-001101

Straight pin connector, solder tail, single row

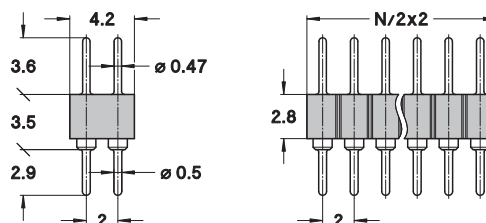
AVAILABILITY FROM 2 to 50 contacts
(standard number of contacts: 50)



832-PP-NNN-10-001101

Straight pin connector, solder tail, double row

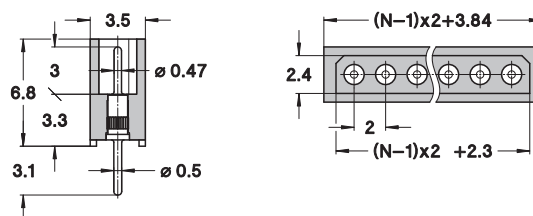
AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)



830-V3-NNN-12-002101

Straight pin connector, solder tail, single row, shrouded and polarised

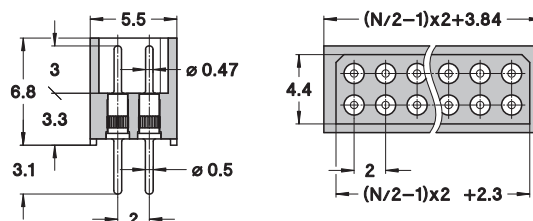
AVAILABILITY 22 contacts
Other pin number on request



832-V3-NNN-12-002101

Straight pin connector, solder tail, double row, shrouded and polarised

AVAILABILITY 26 and 44 contacts
Other pin number on request





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PIN CONNECTORS 2 mm

SINGLE ROW / DOUBLE ROW / SOLDER TAIL / RIGHT ANGLE

"Hard metric" PCB pin connectors, solder tail.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

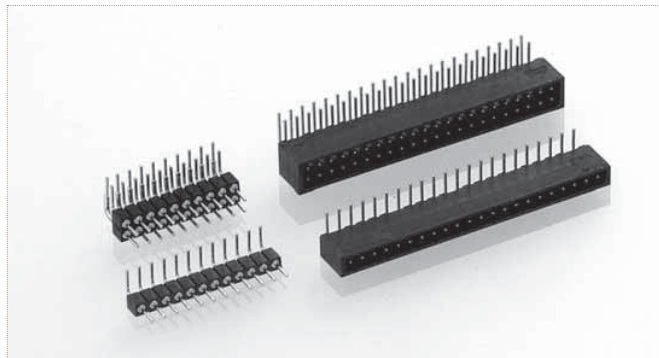
INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
CONTACT	Brass CuZn36Pb3 (C36000)
CONNECTING PIN Ø	0.47 mm
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
DIELECTRIC STRENGTH	Min. 1'000 V _{RMS}

For corresponding socket connectors, see pages 57-63.

ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	TERMINATION	CONNECTING PIN
10	0.25 µm gold	0.25 µm gold
80	Tin	Tin
V3*	Tin	0.75 µm gold

*only for 830/832...22-002101 series



Other plating on request (see page 178 for plating specs).

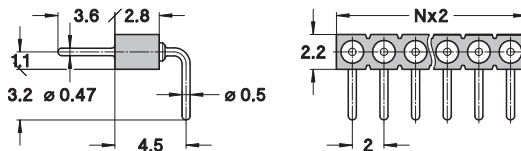
NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 830-10-**NNN**-20-001101 for a single row version with 8 pins becomes 830-10-**008**-20-001101.

PCB CONNECTORS

830-PP-NNN-20-001101

Right angle pin connector, solder tail, single row

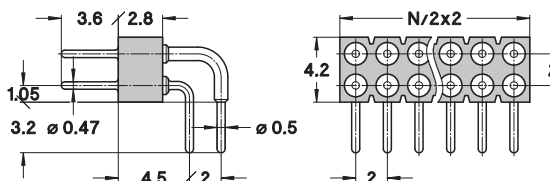
AVAILABILITY FROM 2 to 50 contacts
(standard number of contacts: 50)



832-PP-NNN-20-001101

Right angle pin connector, solder tail, double row

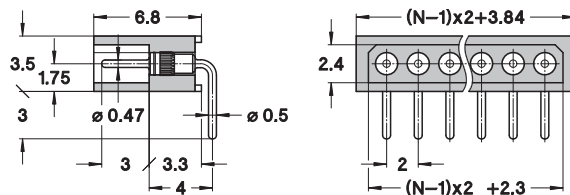
AVAILABILITY FROM 4 to 100 contacts
(standard number of contacts: 100)



830-V3-NNN-22-002101

Right angle pin connector, solder tail, single row, shrouded and polarised

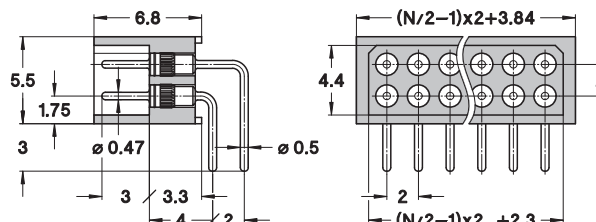
AVAILABILITY 22 contacts
Other pin number on request



832-V3-NNN-22-002101

Right angle pin connector, solder tail, double row, shrouded and polarised

AVAILABILITY 26 and 44 contacts
Other pin number on request





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PIN CONNECTORS 2 mm

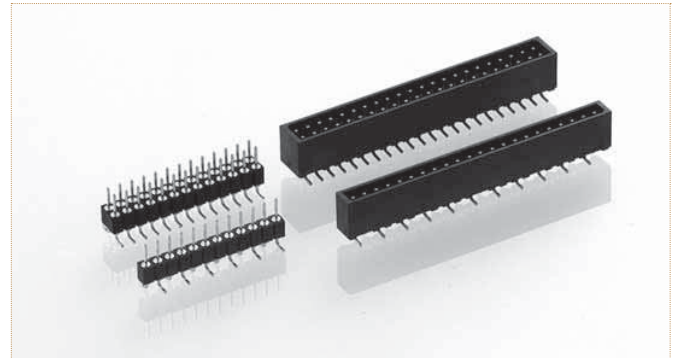
SINGLE ROW / DOUBLE ROW / SURFACE MOUNT

"Hard metric" PCB pin connectors, SMD mount.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
CONTACT	Brass CuZn36Pb3 (C36000)
CONNECTING PIN Ø	0.47 mm
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
DIELECTRIC STRENGTH	Min. 1'000 V _{RMS}
COPLANARITY	
SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)

For corresponding socket connectors, see pages 57-63.



ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	TERMINATION	CONNECTING PIN
10	0.25 µm gold	0.25 µm gold
80	Tin	Tin
V3*	Tin	0.75 µm gold

*only for 830/832...32-002101 series

Other plating on request (see page 178 for plating specs).

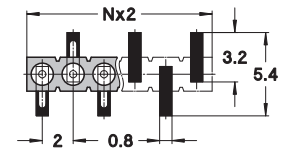
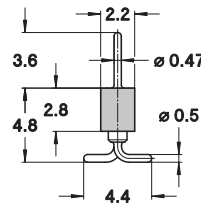
NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 830-10-**NNN**-30-001101 for a single row version with 8 pins becomes 830-10-**008**-30-001101.

Bulk: **T & R Packaging with pick & place cap*:**
830-PP-**NNN**-30-001101 830-PP-**NNN**-30-001191

SMD pin connector, single row, perpendicular mount

AVAILABILITY FROM 3 to 50 contacts
(standard number of contacts: 50)
For connectors having more than 12 contacts, the coplanarity issue is to be addressed specifically

*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

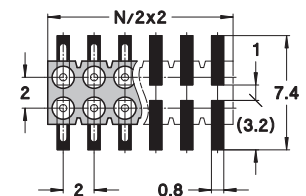
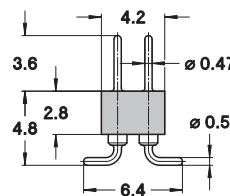


Bulk: **T & R Packaging with pick & place cap*:**
832-PP-**NNN**-30-001101 832-PP-**NNN**-30-001191

SMD pin connector, double row, perpendicular mount

AVAILABILITY FROM 4 to 100 contacts
(Standard number of contacts: 100)
For connectors having more than 12 contacts per row, the coplanarity issue is to be addressed specifically

*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

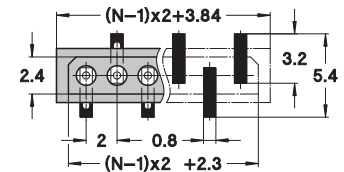
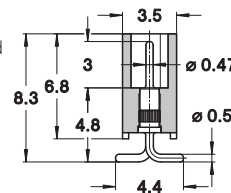


Bulk: **T & R Packaging with pick & place cap*:**
830-V3-**NNN**-32-002101 830-V3-**NNN**-32-002191

SMD pin connector, single row, perpendicular mount, shrouded and polarised

AVAILABILITY 22 contacts
Other pin number on request
For connectors having more than 12 contacts per row, the coplanarity issue is to be addressed specifically

*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.

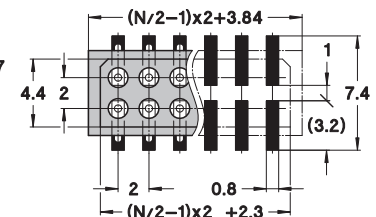
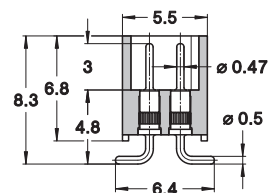


Bulk: **T & R Packaging with pick & place cap*:**
832-V3-**NNN**-32-002101 832-V3-**NNN**-32-002191

SMD pin connector, double row, perpendicular mount, shrouded and polarised

AVAILABILITY 26 and 44 contacts
Other pin number on request
For connectors having more than 12 contacts per row, the coplanarity issue is to be addressed specifically

*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.





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PIN CONNECTORS 2 mm

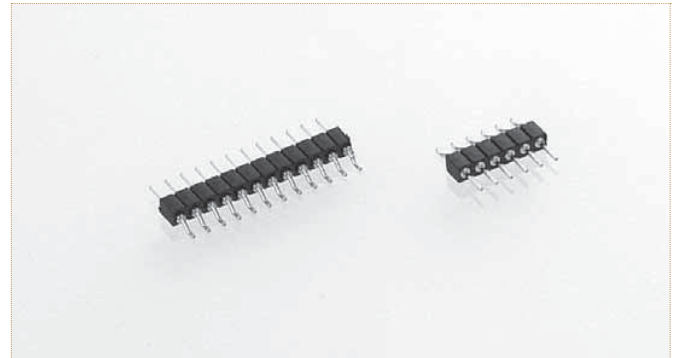
SINGLE ROW / SURFACE MOUNT

"Hard metric" PCB pin connectors, SMD mount.

TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polymer LCP-GF30-FR
FLAMMABILITY	UL 94V-0
CONTACT	Brass CuZn36Pb3 (C36000)
CONNECTING PIN Ø	0.47 mm
MECHANICAL LIFE	Min. 500 cycles
RATED CURRENT	3 A
DIELECTRIC STRENGTH	Min. 1'000 V _{RMS}
COPLANARITY	
SMD TERMINATIONS	Max. 0.1 mm (measured on 25 mm long connectors)

For corresponding socket connectors, see pages 57-63.



ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	TERMINATION	CONNECTING PIN
10	0.25 µm gold	0.25 µm gold
80	Tin	Tin

Other plating on request (see page 178 for plating specs).

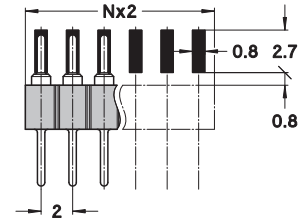
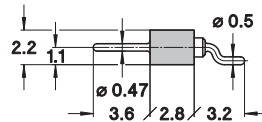
NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 830-10-**NNN**-40-001101 for a single row version with 8 pins becomes 830-10-**008**-40-001101.

Bulk: 830-PP-**NNN**-40-001101 **T & R Packaging*:** 830-PP-**NNN**-40-001191

SMD pin connector, single row, parallel mount

AVAILABILITY FROM 2 to 50 contacts
(standard number of contacts: 50)
For connectors having more than 12 contacts, the coplanarity issue is to be addressed specifically

*Please consult www.precidip.com for availability size of tape, size of reel, number of components per reel and packing units.



PCB CONNECTORS



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PIN CONNECTORS 2 mm

SQUARE PIN \square 0.5 mm / SINGLE ROW / DOUBLE ROW / SOLDER TAIL

Square pin headers, solder tail.

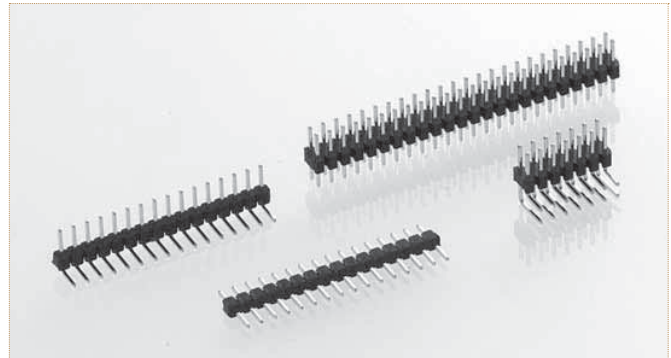
TECHNICAL SPECIFICATIONS (FOR GENERAL SPECS, SEE PAGE 43)

INSULATOR	Black glass filled polyamide PA-GF30-FR
FLAMMABILITY	UL 94V-0
CONTACT	Brass
CONNECTING PIN	\square 0.5 mm
MECHANICAL LIFE	Min. 100 cycles
RATED CURRENT	1 A
DIELECTRIC STRENGTH	Min. 500 V _{RMS}

For corresponding socket connectors, see pages 57-63.

ORDERING INFORMATION ROHS COMPLIANT PARTS

PP PLATING CODE	TERMINATION	CONNECTING PIN
70	Flash gold	Flash gold



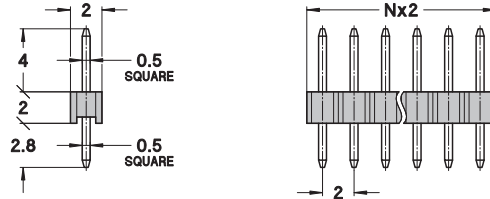
See page 178 for plating specs.

NNN number of poles. Replace **NNN** with the requested number of poles, e.g. 880-70-**NNN**-10-001101 for a single row version with 8 pins becomes 880-70-**008**-10-001101.

880-70-**NNN**-10-001101

Straight square pin header, solder tail, single row

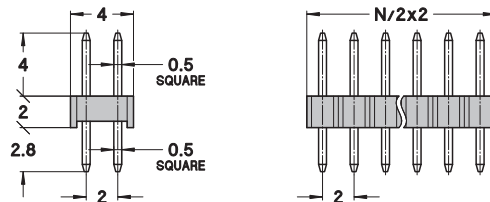
AVAILABILITY FROM 2 to 40 contacts
(standard number of contacts: 40)



882-70-**NNN**-10-001101

Straight square pin header, solder tail, double row

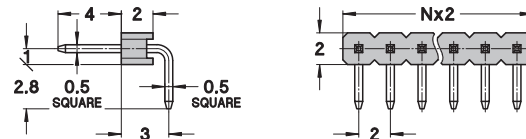
AVAILABILITY FROM 4 to 80 contacts
(standard number of contacts: 80)



880-70-**NNN**-20-001101

Right angle square pin header, solder tail, single row

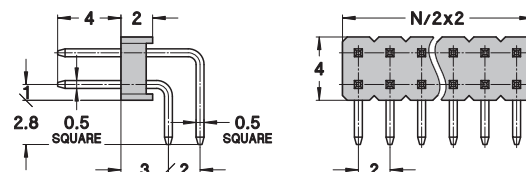
AVAILABILITY FROM 2 to 40 contacts
(standard number of contacts: 40)



882-70-**NNN**-20-001101

Right angle square pin header, solder tail, double row

AVAILABILITY FROM 4 to 80 contacts
(standard number of contacts: 80)



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