



SAHAJANAND

Infinite Solutions



Signal & Power Connectors

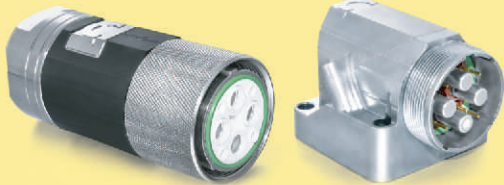
FOREWARD

SAHAJANAND Impex Pvt. Ltd. is an ISO 9001-2008 company founded in the year 1985 at Mumbai. The company has its head office at Mumbai and manufacturing facility at Bangalore. It is a 100% family owned company. SAHAJANAND has been a trusted name of all top customers throughout India in various fields of Industry.

SAHAJANAND offers a wide range of Connectors & Tools suitable for various applications such as Automation, Robotics, Railways, Wind Energy, etc. Our Connectors are produced by using the highest quality of components which can withstand the most demanding conditions.

SAHAJANAND is also offering customized Cable Assemblies as per customer specification. Top customers in India are relying on SAHAJANAND for their excellent quality, reasonable prices and fast deliveries.

SAHAJANAND's obsession for quality results in finding *Infinite Solutions* for our Customers.

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Materials

Housing	Brass / Zinc Diecast / Aluminum - Nickel Plated / Chromated / Plastic Coated
Coupling Nut	Brass / Zinc Diecast - Nickel Plated
Insulation Insert	PA/PBT - UL 94/V0
Contacts	Brass - Gold Plated For Series D - Brass - Gold Plated / Silver Plated
Sealing	FPM / HNBR / EPDM
Clamp Ring	Brass - Nickel Plated

General Technical Data

Contact Terminations	Crimp / Solder
Temperature Range	-20° C to +130° C
Protection Type	IP 66/67 when connected
Shielding	EMC Shielded Housing
Mating Cycles	Min. 500
Clamping Range	For Series A & B - Ø 3.5 mm to Ø 14.7 mm For Series C - Ø 7.0mm to Ø 25.0 mm For Series D - Ø 17.0mm to Ø 36.0 mm
Locking	For Series A, B & C - Threaded & Speedtec For Series D - Threaded

Connectors Female Threaded



T01 Connector Straight



T02 Connector Bulkhead



T03 Connector Angled Rotatable



T04 Connector Plastic Coated

Connectors Female Speedtec



S01 Connector Straight



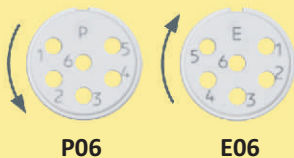
S02 Connector Bulkhead



S03 Connector Angled Rotatable

Inserts

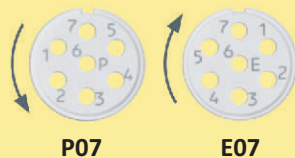
6-pin (6 x Ø 2 mm)



P06

E06

7-pin (7 x Ø 2 mm)



P07

E07

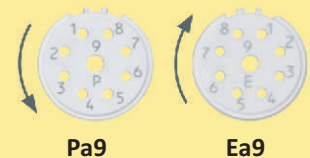
9-pin (9 x Ø 1 mm)



P09

E09

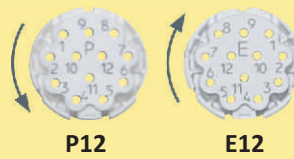
9-pin (8 x Ø 1 mm + 1 x Ø 2 mm)



Pa9

Ea9

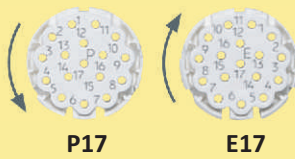
12-pin (12 x Ø 1 mm)



P12

E12

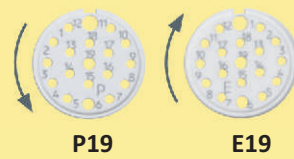
17-pin (17 x Ø 1 mm)



P17

E17

19-pin (16 x Ø 1 mm + 3 x Ø 1,5 mm)



P19

E19

Contacts

Ø 1 mm
0.14 - 1.0 mm²



F011

Ø 1 mm
1.5 mm² Solder Bucket



F013

Ø 1 mm
0.03 - 0.34 mm²



F172

Ø 1.5 mm
0.24 - 1.0 mm²



F070

Ø 1.5 mm
1.5 mm² Solder Bucket



F173

Ø 2 mm
0.35 - 2.5 mm²



F012

Ø 2 mm
2.5 mm² Solder Bucket



F014

Connectors Male Threaded



T01 Connector Straight



T02 Connector straight Flange with Nut M25x1.5mm



T03 Connector straight with two Nuts M25x1.5mm



T04 Connector straight Flange with nut M25x1.5mm and O ring seal

Connectors Male Speedtec



S01 Connector Straight



S02 Connector straight Flange with Nut M25x1.5mm



S03 Connector straight with two Nuts M25x1.5mm



S04 Connector straight Flange with nut M25x1.5mm and O ring seal

Connectors Male Threaded



T05 Connector straight with Flange M25x25mm
1. Holes 20.5mm
2. Holes 19.8mm



T06 Connector straight with Flange 28 x 28mm



T07 Connector Angled Rotatable



T08 Receptacle with Flange M25x25mm

Connectors Male Speedtec



S05 Connector straight with Flange M25x25mm
1. Holes 20.5mm
2. Holes 19.8mm



S06 Connector straight with Flange 28 x 28mm



S07 Connector Angled Rotatable



S08 Receptacle with Flange M25x25mm

Connectors Male Threaded



T09 Receptacle Threaded
M20x1.5mm



T10 Receptacle with Flange
M28x28mm



T11 Receptacle Threaded
M20x1.5 with retaining
ring



T12 Receptacle with Lock nut
M20x1.5

Connectors Male Speedtec



S09 Receptacle Threaded
M20x1.5mm



S10 Receptacle with Flange
M28x28mm



S11 Receptacle Threaded
M20x1.5 with retaining
ring



S12 Receptacle Threaded
with Lock Nut M20x1.5

Connectors Male Threaded



T13 Receptacle Threaded
with Lock Nut M25x1.5



T14 Receptacle Angled Rotatable
1. Flange 25x25mm
2. Flange 28x28mm



T15 Connector Plastic Coated

Connectors Male Speedtec

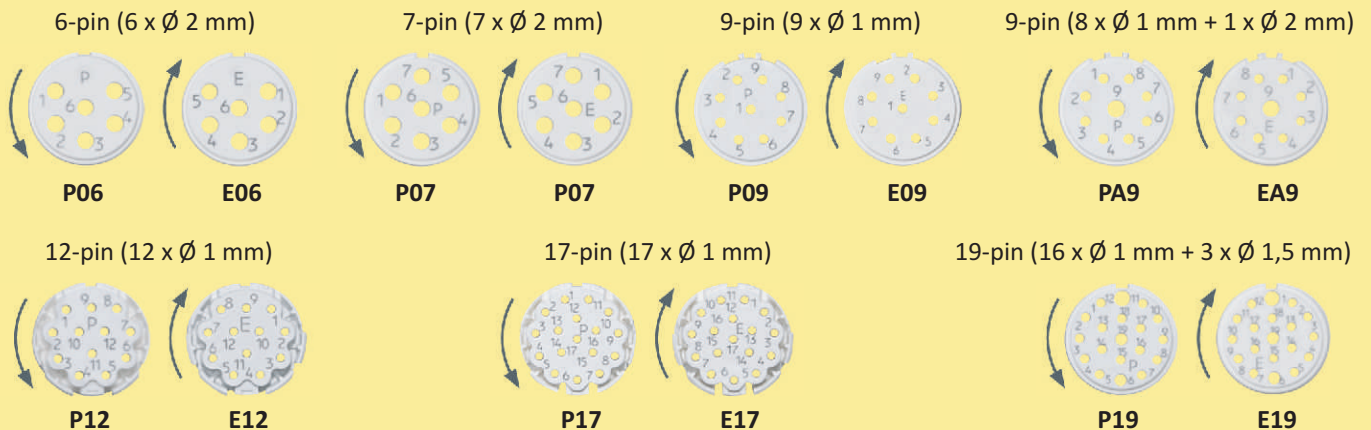


S13 Receptacle with Lock nut
M25x1.5



S14 Receptacle Angled Rotatable
1. Flange 25x25mm
2. Flange 28x28mm

Inserts



Contacts



Cable Clamps Suitable for Male, Female and Plastic Coated Straight Connectors



C - Clamp

- 1) Size 38 for cable Ø 3.5 - 5.6 mm
- 2) Size 39 for cable Ø 4.5 - 8.5 mm
- 3) Size 41 for cable Ø 6.0 - 10.0 mm
- 4) Size 40 for cable Ø 9.0 - 13.2 mm
- 5) Size 73 for cable Ø 9.0 - 14.7 mm



L - Clamp

- 1) Size 09 for cable Ø 3.5 - 5.6 mm
- 2) Size 60 for cable Ø 4.5 - 8.5 mm
- 3) Size 62 for cable Ø 6.0 - 10.0 mm
- 4) Size 61 for cable Ø 9.0 - 13.2 mm
- 5) Size 76 for cable Ø 9.0 - 14.7 mm

Cable Clamps Suitable for Male & Female - 10 pole and Angled Rotatable Connectors



C - Clamp

- 1) Size 43 for cable Ø 4.2 - 6.6 mm
- 2) Size 48 for cable Ø 7.5 - 12.0 mm
- 3) Size 42 for cable Ø 9.5 - 14.5 mm



L - Clamp

- 1) Size 11 for cable Ø 4.2 - 6.6 mm
- 2) Size 55 for cable Ø 7.5 - 12.0 mm
- 3) Size 58 for cable Ø 9.5 - 14.5 mm
- 4) Size 59 for cable Ø 14.0 - 17.0 mm

10 Pole Straight Connectors Threaded



T01 Connector Female



T02 Connector Male

10 Pole Straight Connectors Speedtec



S01 Connector Female



S02 Connector Male

Inserts and Contacts



Inserts and Contacts



For Cable Clamps Refer Page No. 01.04

Connectors Female Threaded



T01 Connector Straight



T02 Connector Bulkhead



T03 Connector Angled Rotatable

Connectors Female Speedtec



S01 Connector Straight



S02 Connector Bulkhead



S03 Connector Angled Rotatable

Inserts

6 x Ø 2 mm (5+PE)



P06

4 x Ø 2 mm (3+PE)
+ 4 x Ø 1 mm



P08

4 x Ø 2 mm (3+PE)
+ 5 x Ø 1 mm



P09

4 x Ø 2 mm (3+PE)
+ 5 x Ø 1 mm



BP9

Contacts

Ø 2 mm
0.35 - 2.5 mm²



F254

Ø 2 mm
2.5 - 4.0 mm²



F302

Ø 1 mm
0.03 - 0.34 mm²



F172

Ø 1 mm
0.14 - 1.0 mm²



F011

Ø 1 mm
0.5 - 1.5 mm²



F216

Connectors Male Threaded



T01 Connector Straight



T02 Connector with
Nut M25x1.5



T03 Connector with
Nut M25x1.5
and O Ring seal



T04 Connector with
flange 28x28mm
and O Ring seal

Connectors Male Speedtec



S01 Connector Straight



S02 Connector with
Nut M25x1.5



S03 Connector with
Nut M25x1.5
and O Ring seal



S04 Connector with
flange 28x28mm
and O Ring seal

Inserts

6 x Ø 2 mm (5+PE)



E06

4 x Ø 2 mm (3+PE)
+ 4 x Ø 1 mm



E08

4 x Ø 2 mm (3+PE)
+ 5 x Ø 1 mm



BE9

4 x Ø 2 mm (3+PE)
+ 5 x Ø 1 mm



E09

Contacts

Ø 2 mm
0.35 - 2.5 mm²



M021

Ø 2 mm
2.5 - 4.0 mm²



M027

Ø 1 mm
0.14 - 1.0 mm²



M020

Ø 1 mm
0.5 - 1.5 mm²



M189

Ø 2 mm
0.1 - 0.5 mm²



M194

Ø 2 mm
0.35 - 2.5 mm²



M193

Ø 1 mm
0.03 - 0.34 mm²



M083

Ø 1 mm
0.14 - 1.0 mm²



M004

Connectors Male Threaded



T05 Receptacle
1. Flange 25x25mm
2. Flange 28x28mm



T06 Receptacle with Nut M25x1.5



T07 Receptacle Angled Rotatable
1. Flange 25x25mm
2. Flange 28x28mm

Connectors Male Speedtec



S05 Receptacle
1. Flange 25x25mm
2. Flange 28x28mm



S06 Receptacle with Nut M25x1.5



S07 Receptacle Angled Rotatable
1. Flange 25x25mm
2. Flange 28x28mm

Inserts

6 x Ø 2 mm (5+PE)



E06

4 x Ø 2 mm (3+PE)
+ 4 x Ø 1 mm



E08

4 x Ø 2 mm (3+PE)
+ 5 x Ø 1 mm



E09

Contacts

Ø 2 mm
0.1 - 0.5 mm²



M194

Ø 2 mm
0.35 - 2.5 mm²



M193

Ø 1 mm
0.03 - 0.34 mm²



M083

Ø 1 mm
0.14 - 1.0 mm²



M004

Connectors Single tec Threaded



T01 Connector Female



T02 Connector Male



T03 Receptacle long



T04 Receptacle short

Inserts and Contacts

1-pin for Socket 8
coding variations



Ø 8 mm 10 mm²



F185

Ø 8 mm 16 mm²



F195

Ø 8 mm 25 mm²



F194

Ø 8 mm 35 mm²



F193

Ø 8 mm 50 mm²



F192

1-pin for Pin 8
coding variations



010

Ø 8 mm 10 mm²



M164

Ø 8 mm 16 mm²



M163

Ø 8 mm 25 mm²



M159

Ø 8 mm 35 mm²



M161

Ø 8 mm 50 mm²



M162

Cable Clamps



C - Clamp

- 1) Size 43 for cable Ø 4.2 6.6 mm
- 2) Size 48 for cable Ø 7.5 12.0 mm
- 3) Size 42 for cable Ø 9.5 14.5 mm



L - Clamp

- 1) Size 11 for cable Ø 4.2 6.6 mm
- 2) Size 55 for cable Ø 7.5 12.0 mm
- 3) Size 58 for cable Ø 9.5 14.5 mm
- 4) Size 59 for cable Ø 14.0 17.0 mm

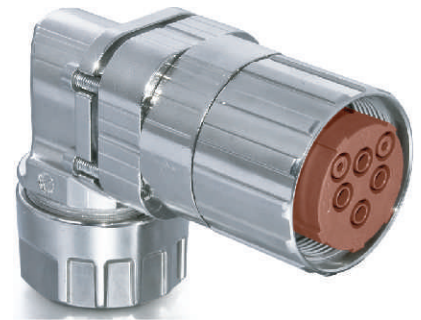
Connectors Female Threaded



T01 Connector Straight



T02 Connector Bulkhead



T03 Connector Angled Rotatable

Connectors Female Speedtec



S01 Connector Straight



S02 Connector Bulkhead



S03 Connector Angled Rotatable

Inserts

4 x Ø 3.6 mm (3+PE)
+ 2 x Ø 2 mm



P06

4 x Ø 3.6 mm (3+PE)
+ 4 x Ø 2 mm



P08

4 x Ø 3.6 mm (3+PE)
+ 5 x Ø 2 mm



P09

Contacts

Signal

Ø 2 mm
0.35 - 2.5 mm²



F254

Ø 2 mm
2.5 - 4.0 mm²



F302

Power

Ø 3.6 mm
1.35 - 10.0 mm²



F225

Ø 3.6 mm
6.0 - 16.0 mm²



F227

Connectors Male Threaded



T01 Connector Straight



T02 Connector Angled Rotatable

Connectors Male Speedtec



S01 Connector Straight



S02 Connector Angled Rotatable

Inserts

4 x Ø 3.6 mm (3+PE)
+ 2 x Ø 2 mm



E06

4 x Ø 3.6 mm (3+PE)
+ 4 x Ø 2 mm



E08

4 x Ø 3.6 mm (3+PE)
+ 5 x Ø 2 mm



E09

Contacts

Signal

Ø 2 mm
0.1 - 0.5 mm²



M098

Ø 2 mm
0.5 - 2.5 mm²



M107

Power

Ø 3.6 mm
1.35 - 10.0 mm²



M039

Ø 3.6 mm
6.0 - 16.0 mm²



M040

Cable Clamps



C - Clamp

- 1) Size 03 for Cable Ø 7.0 to 9.0 mm
- 2) Size 44 for Cable Ø 9.0 to 16.0 mm
- 3) Size 45 for Cable Ø 16.5 to 25.0 mm

Connectors Male Threaded



T03 Receptacle



**T04 Connector Angled Rotatable
Flange 40x40mm**

Connectors Male Speedtec



S03 Receptacle



**S04 Connector Angled Rotatable
Flange 40x40mm**

Inserts

4 x Ø 3.6 mm (3+PE)
+ 2 x Ø 2 mm



E06

4 x Ø 3.6 mm (3+PE)
+ 4 x Ø 2 mm



E08

4 x Ø 3.6 mm (3+PE)
+ 5 x Ø 2 mm



E09

Contacts

Ø 2 mm
0.1 - 0.5 mm²



M198

Ø 2 mm
0.35 - 2.5 mm²



M197

Ø 2 mm
0.1 - 0.5 mm²



M205

Ø 2 mm
0.35 - 2.5 mm²



M204

Ø 3.6 mm
15 - 4.5 mm²



M196

Ø 3.6 mm
6.0 - 10.0 mm²



M195

Ø 3.6 mm
1.5 - 4.0 mm²



M203

Ø 3.6 mm
6.0 - 10.0 mm²



M202

Contacts for IP67 Protection when disconnected

Connectors Female



01 Connector Straight

8-pin
(4 x Ø 10 mm + 4 x Ø 1,6 mm)



001

Contacts

Ø 10 mm
crimp connection
10 mm²



F101

Ø 10 mm
crimp connection
16 mm²



F102

Ø 10 mm
crimp connection
25 mm²



F103

Ø 10 mm
crimp connection
35 mm²



F104

Ø 10 mm
crimp connection
50 mm²



F105

Ø 1.6 mm
0.35 - 1.5 mm²



F106

Connectors Male



01 Connector Straight



02 Receptacle

8-pin
(4 x Ø 10 mm + 4 x Ø 1,6 mm)



002

Contacts

Ø 10 mm
crimp connection
10 mm²



M112

Ø 10 mm
crimp connection
16 mm²



M113

Ø 10 mm
crimp connection
25 mm²



M114

Ø 10 mm
crimp connection
35 mm²



M115

Ø 10 mm
crimp connection
50 mm²



M116

Ø 1.6 mm
0.35 - 1.5 mm²



M117

Connectors Male



03 Receptacle Angled

8-pin
(4 x Ø 10 mm + 4 x Ø 1,6 mm)



611

includes 4 x contact
pins Ø 10 mm,
pre-assembled
(part of product contents)

Ø 1.6 mm
0.1 - 0.5 mm²



M142

C - Cable Clamps



C - Clamp

Suitable for Cable Clamping range 17.0 – 36.0 mm

Crimping Tool ST-201



For Ø 1 mm and 2 mm contacts max wire gauge 4 mm²



Positioner ST- 003
for Ø 1 mm contacts

Contacts

Female	Male
F001	M004
F011	M009
	M054



Positioner ST-252
for Ø 1 mm contacts

Contacts

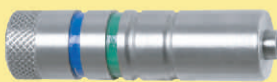
Female	Male
F216	M189



Positioner ST-048
for Ø 1.5 mm contacts

Contacts

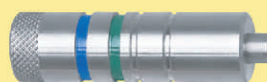
Female	Male
F070	M072



Positioner ST-009
for Ø 2 mm contacts

Contacts

Female	Male
F012	M020 M109
	M021 M197
	M027 M198
	M098 M204
	M107 M205
	M108



Positioner ST- 004
for Ø 2 mm contacts

Contacts

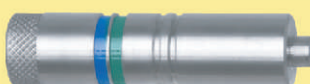
Female	Male
F003	M010 M055
F023	M021 M193
F254	M022 M194
F302	M023 M216



Positioner ST-012
for Ø 2 mm contacts

Contacts

Female	Male
F012	M008



Positioner ST- 092
for Ø 1.6 mm contacts

Contacts

Female
F106



Positioner ST- 093
for Ø 1.6 mm contacts

Contacts

Male
M117



Positioner ST- 094
for Ø 1.6 mm contacts

Contacts

Male
M142

Crimping Tool ST-101



Contacts

Female

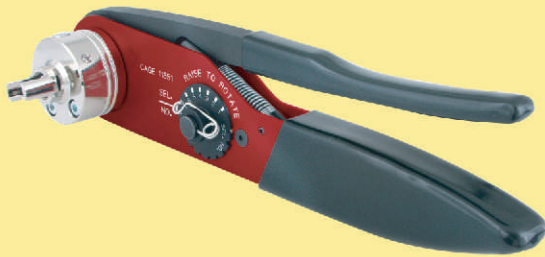
F001
F011
F159
F172

Male

M004
M083
M141

for $\varnothing$ 1 mm contacts,
max wire gauge 1.5 mm², includes positioner & locator

Crimping Tool ST-008



For $\varnothing$ 3.6 mm
contacts max wire gauge 16 mm²



Positioner ST-010
for $\varnothing$ 3.6 mm contacts

Contacts

Female

F225
F227

Male

M039
M040
M073
M074



Positioner ST-247
for $\varnothing$ 3.6 mm contacts

Contacts

Male

M195
M196
M202
M203

Battery Crimp Tool ST-207



Order No.

Contacts

Crimp Connection

211

Male/Female $\varnothing$ 10,0 mm

for 10 / 16 mm²

210

Male/Female $\varnothing$ 10,0 mm

for 25 mm²

209

Male/Female $\varnothing$ 10,0 mm

for 35 mm²

208

Male/Female $\varnothing$ 10,0 mm

for 50 mm²

for $\varnothing$ 10.0 mm contacts, wire gauge 50 mm² max.

Crimping Inserts

Suitable for Battery Crimp Tool ST-207

10.0 mm² and 16.0 mm²



M211

25.0 mm²



M210

35.0 mm²

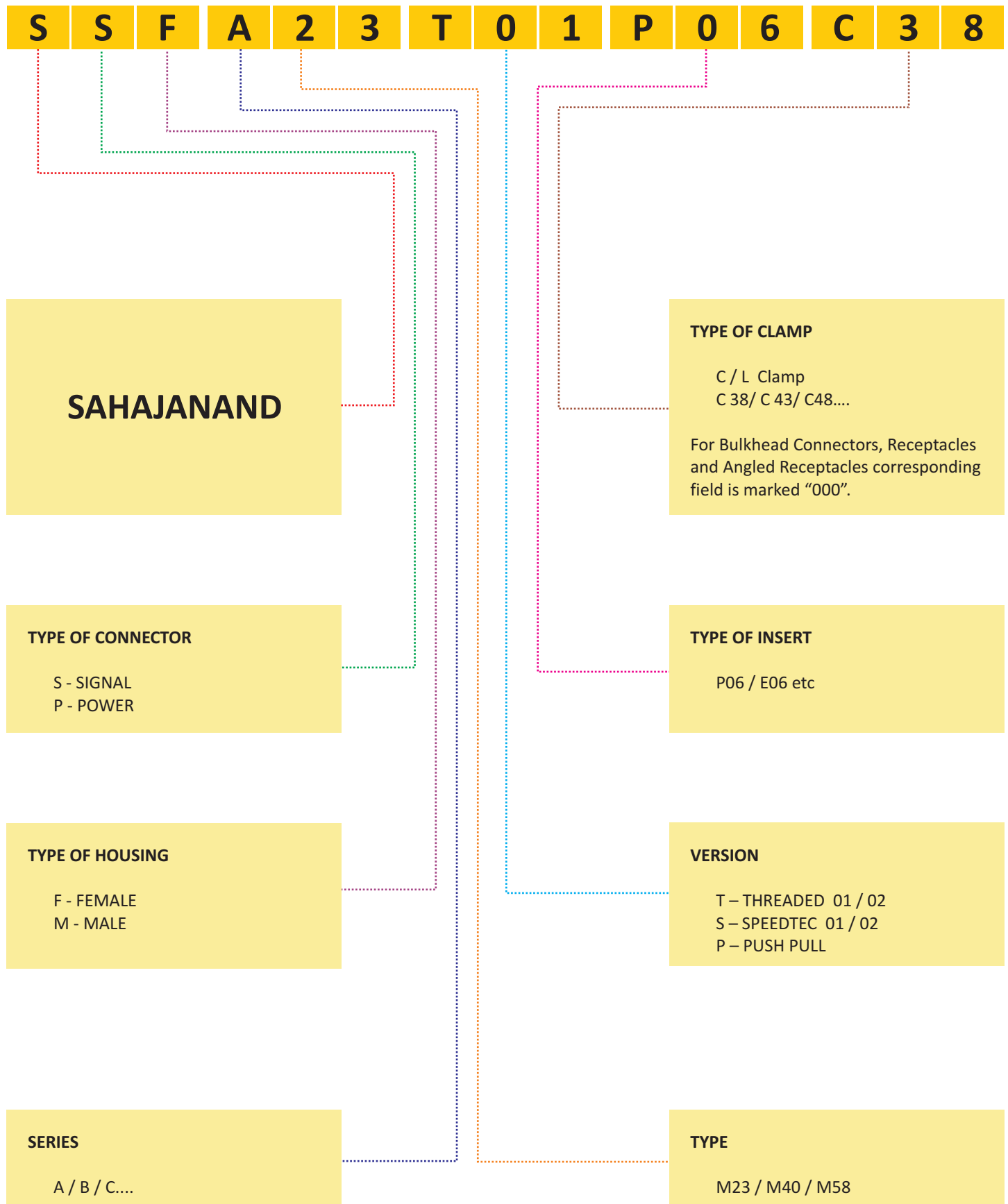


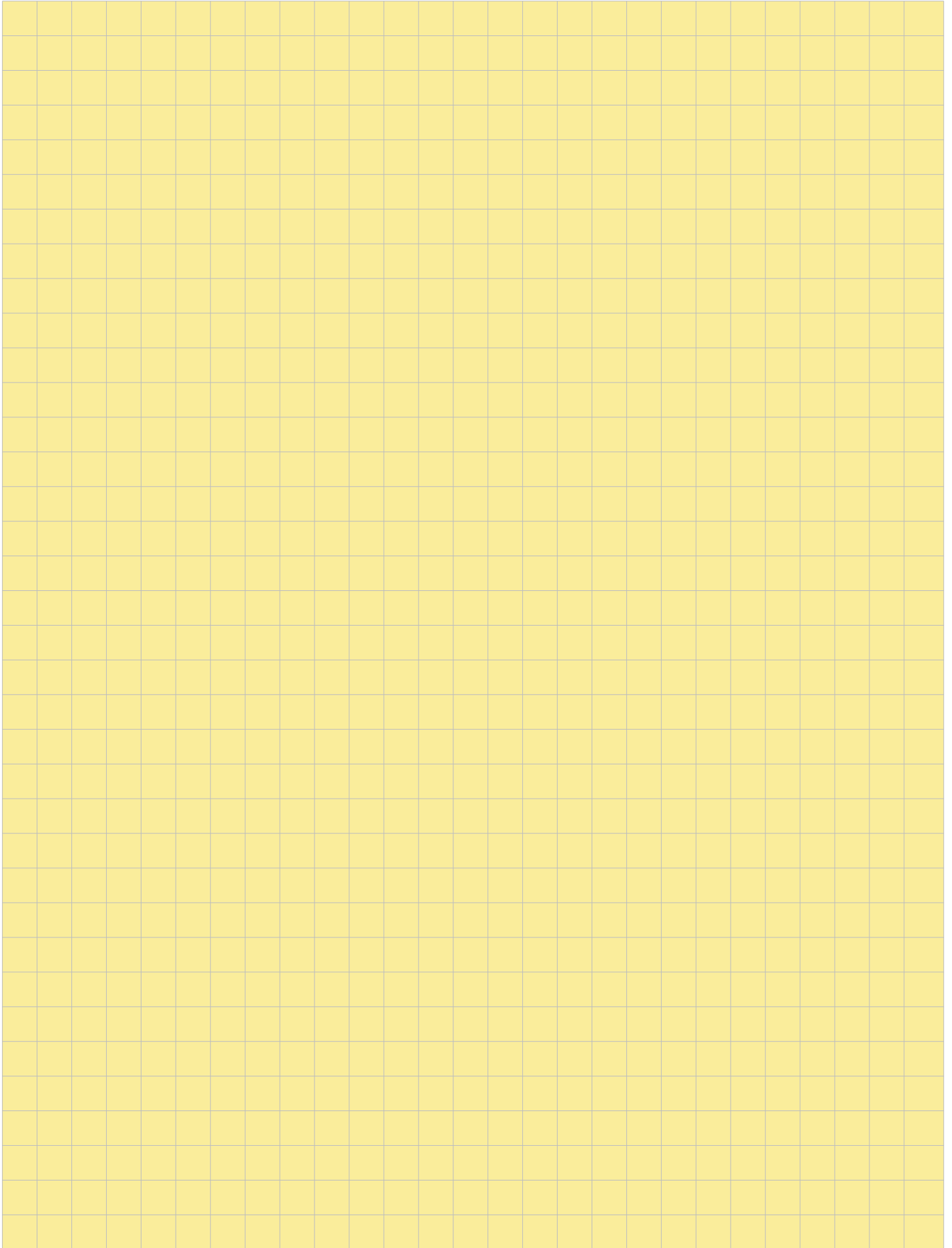
M209

50.0 mm²



M208





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