

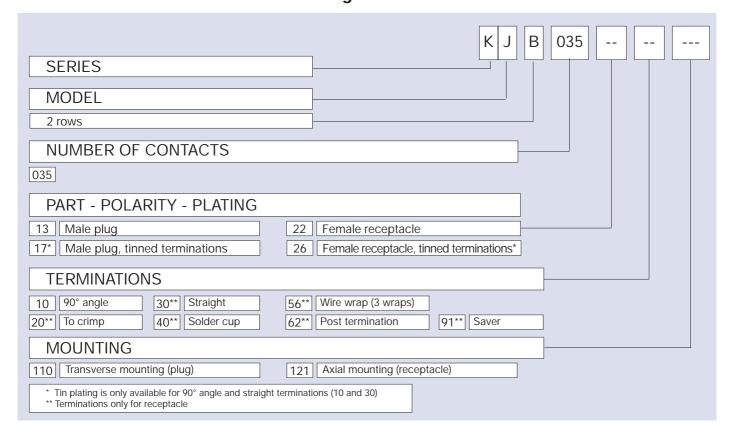
2 Contact Row PCB Railways Connectors

- Mother/Daugther board PCB connector.
- 35 ways on 2 rows.
- Pitch 2.54.
- · Guiding device.
- > 5000 mating and unmating cycles.
- NF F61-030 railway approved.

Technical Characteristics

MATERIAL		PIN	Ø 1.50 mm, non-removab
Insulator	Thermoset	MOUNTING On plug: k	: by screw & transverse. On receptacle: axial thanks 2 guide
Pin & socket body	Brass	GUIDING PINS	2 male guides fixed on the plu
Socket wires	Copper alloy	DIELECTRIC WITHSTAN	NDING VOLTAGE 2000 Vrm
Guides	Brass	CURRENT RATING	8 A Max (25 °C
PLATING		INSULATION RESISTANCE	NCE $> 10^3 \text{ M}\Omega$ (500 Vc.
Pin and socket wires	Au/Ni	CONTACT RESISTANCE	E < 2.50 m
Guides	Ni	TEMPRERATURE RANG	GE -55 °C, +125 °
PITCH	2.54 mm		

Ordering Information

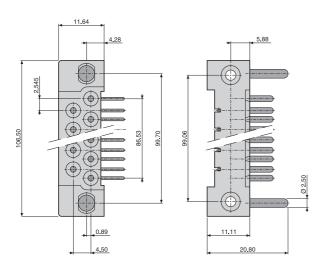


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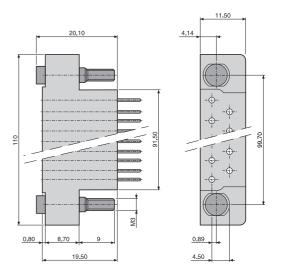


Plug and receptacle dimensions

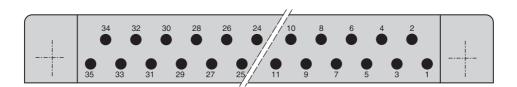
Plug



Receptacle



Contact layout



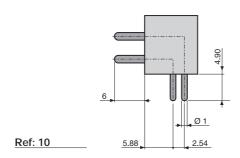
Wiring side view

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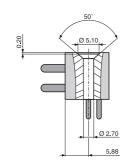
Plug termination

90° trough board

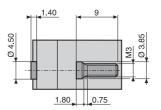


Mounting

Plug transverse



Receptacle axial



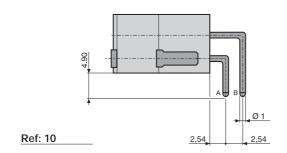
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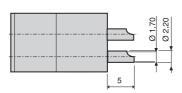


Receptacle terminations

90° termination

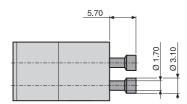


Solder cup



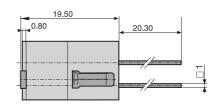
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To crimp



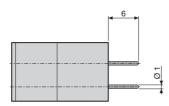
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Wire wrap (3 wraps)



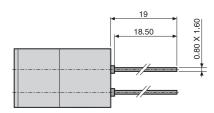
Ref: 56

Straight



Ref: 30

Post termination



Ref: 62

Terminations Row Contacts P/N A 0150952-10RN1

10	A	0150952-10RN1
	В	0150962-10RN1
20		0150372-20RN1
30		0150692-30RQ5
40		0150592-40RN1
56		0151122-56RN1
62		0150812-62RN1
91		0151542-91-RN7

Saver



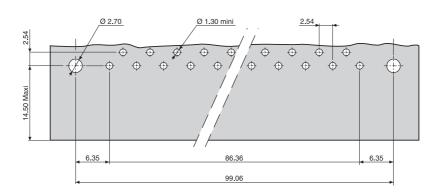
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Dimensions are in mm



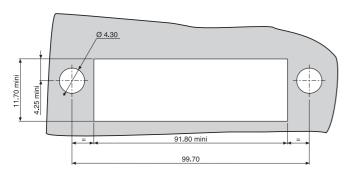
Board and panel preparation details

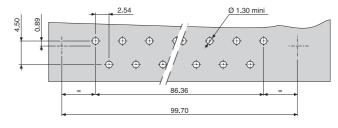
Daughter board



Panel

Mother board





PCB and panel connector wiring side view

Tooling

Tools	Suppliers	P/N
Crimp tools	ASTRO TOOL	TGV 101
	DANIELS	FT8
Turrets	ASTRO TOOL	TGV 201
	DANIELS	SH 462
Contact extraction tools	HYPERTAC	SD. 015 00 00 003

Dimensions are in mm