Spec Sheet

Specifications Soldering/Wire wrapping type

Pitches	2.54 x 2.54mm
Rated current *	3A max.
Dielectric withstanding voltage	AC 1000W rms
Contact resistance	15mΩ or less
Insulator	Material: PBT UL grade: 94V-O Color: White
Contact	Material: Plug – Bronze Rece. - Phosphor bronze Plating: Contacting area – Partly Au plated Post area – Solder plated or Au flash plated Whole – Nickel undercoat
Applicable board thickness	1.6mm or less, or 2.4mm or less

Press-fitting type

Pitches	2.54 x 2.54mm
Rated current *	3A max.
Dielectric withstanding voltage	AC 1000W rms
Contact resistance	15mΩ or less
Insulator	Material: PBT UL grade: 94V-O Color: White
Contact	Material: Plug – CA-725 Rece. - Phosphor bronze Plating: Contacting area – Partly Au plated Post area – Solder plated Whole – Nickel undercoat
Force to press-in and retain the post	Force to press-in: 20kg/pin or less Force to retain: 3.0kg/pin or more
Applicable through hole	Diameter of prepared hole: Ø1.0±0.02 Diameter of finished hole: Ø1.0 +0.05/-0.1 Copper plating: 25 to 76µm Solder plating: 7.6µm
Applicable board material	FR-4, G-10
Applicable board thickness	1.6mm or less, or 2.4mm or less

Crimped type

Pitches	2.54 x 2.54mm
Rated current *	3A max.
Dielectric withstanding voltage	AC 1000W rms
Contact resistance	20m_ or less
Insulator	Material: PBT UL grade: 94V-O Color: White
Contact	Material:CA-725 Plating: Contacting area – Partly Au plated Crimping area – Solder plated Whole – Nickel undercoat
Applicable wire Outside diameter of finished covered wire	AWG #22-28 Ø1.5mm or less

Crimped type

Pitches	2.54 x 2.54mm
Rated current *	3A max.
Dielectric withstanding voltage	AC 1000W rms
Insulator	Material: PBT UL grade: 94V-O Color: White
Contact	Material: Phosphor bronze Plating: Contacting area – Partly Au plated Post area – Solder plated or Au flash plated Whole – Nickel base plated
Applicable wire	7 leads of AWG #28/0.127mm Sn plated annealed copper twisted wire Insulator: Heat resistance PVC Conductor pitch: 1.27±0.05mm

Series 8272/8345: UL File No. E67646

* Rated current: 1.5A at maximum in conformity with UL standards, 3A at maximum in conformity with IEC/DIN standards.

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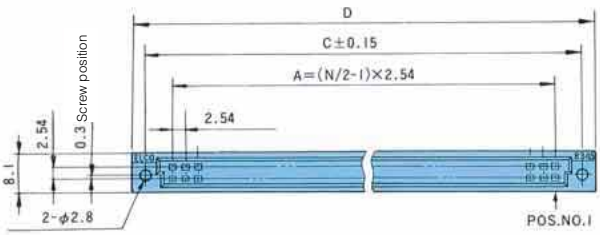
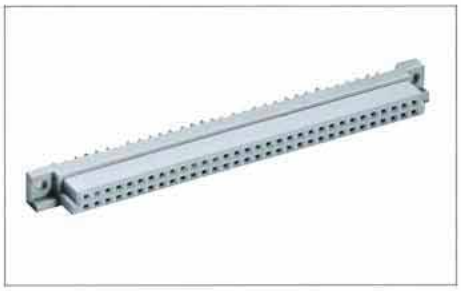
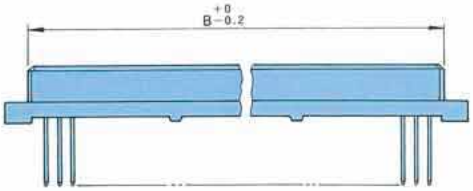
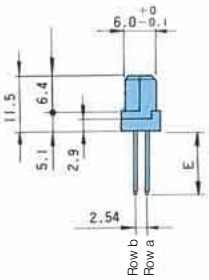
SERIES 8345

Soldering/Wire-wrappig
DIN-B/Extended DIN-N type
Vertical type 2-row receptacle

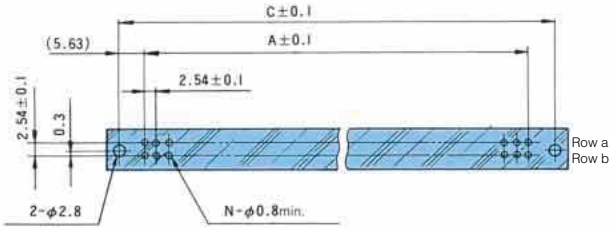








Recommended mounting dimensions



Ordering code

● The extended DIN-N type is developed oliginally by us in comformity with DIN 41612.

Part number	00	8345	2XX	XXX	XXX

Number of positions

Number of positions	A	B	C	D	Remarks
20	22.86	29.12	34.12	39.12	Extended DIN-N type
30	35.56	41.82	46.82	51.82	Extended DIN-N type
32	38.1	44.36	49.36	54.36	Extended DIN-N type
44	53.34	59.6	64.6	69.6	Extended DIN-N type
50	60.96	67.22	72.22	77.22	Extended DIN-N type
64	78.74	85.0	90.0	95.0	DIN-B type
90	111.76	118.02	123.02	128.02	Extended DIN-N type
100*	124.46	130.72	135.72	140.72	Extended DIN-N type

* The code is"00"

Tail shape

Code No.	Tail shape	Tail length=E
900	Standard	13.0
949	Standard	2.9
950	Kinked	2.9(Applicable board thickness1.6)

Variation

	Plating (μm)			
Contacting area	0.1 Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)
Post area	Solder	Solder	Solder	Solder
	Variation code			
	012	022	032	042

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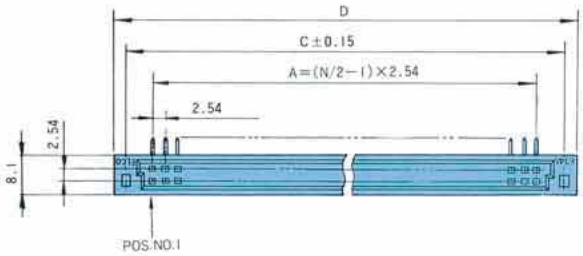
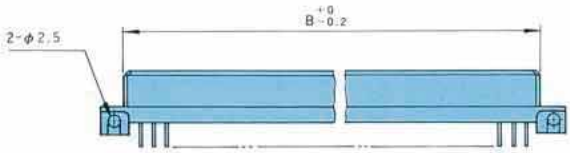
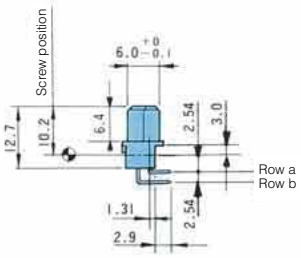
SERIES 8345

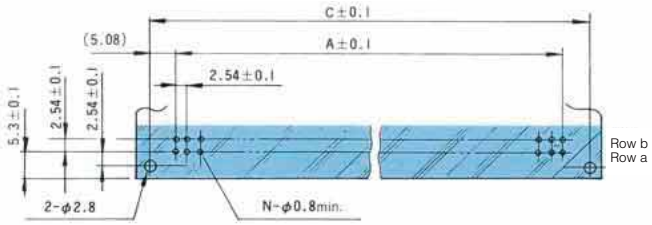
Soldering DIN-Q type
Right Angle type 2-row receptacle







Recommended mounting dimensions



Ordering code (Applicable board thickness 1.6mm)

Part number	00	8345	264	XXX	XXX

Number of positions

Number of positions	A	B	C	D
64	78.74	85.0	88.9	94.0

Tail shape

Code No.	Tail shape
969	Standard
970	One-touch lock

Variation

	Plating (μm)			
Contacting area	0.1 Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)
Post area	Solder	Solder	Solder	Solder
	Variation code			
	012	022	032	042

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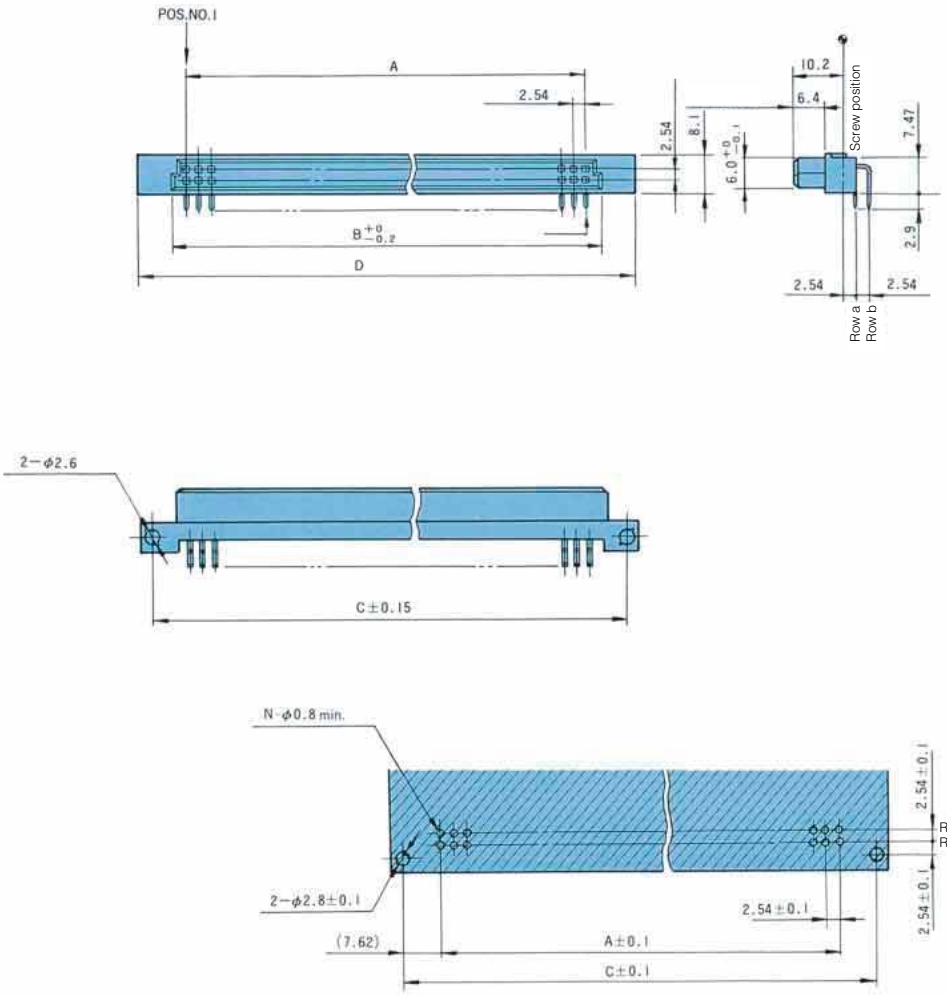
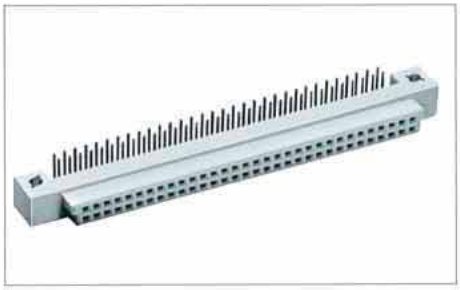
SERIES 8345

Soldering Extended DIN-N type
Right Angle type 2-row receptacle





Recommended mounting dimensions

● The extended DIN-N type is developed oliginally by us in comformity with DIN 41612.

Ordering code (Applicable board thickness 1.6mm)

Part number	00	8345	2XX	XXX	XXX

Number of positions

Number of positions	A	B	C	D
20	22.86	29.02	38.10	43.10
30	35.56	41.72	50.80	55.80
44	53.34	59.50	68.58	73.58
50	60.96	67.12	76.20	81.20
64	78.74	84.90	93.98	98.98
90	111.76	117.92	127.00	132.00
100*	124.46	130.62	139.70	144.70

* The code is"00"

Tail shape

Code No.	Tail shape
989	Standard
990	One-touch lock

Variation

	Plating (μm)			
Contacting area	0.1 Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)
Post area	Solder	Solder	Solder	Solder
	Variation code			
	012	022	032	042

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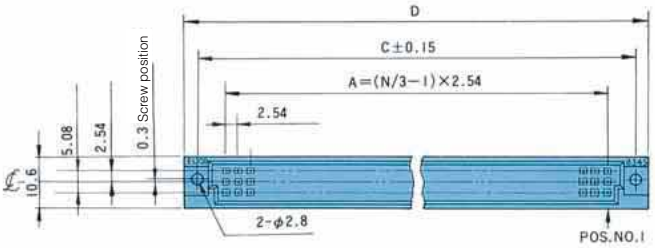
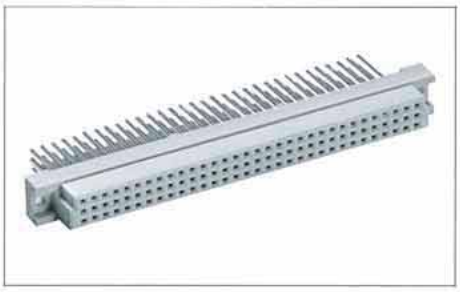
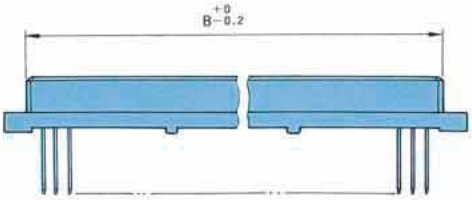
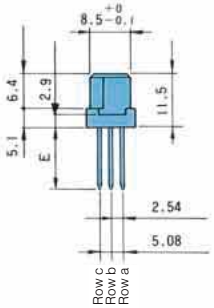
SERIES 8345

Soldering/Wire-wrapping
DIN-C Vertical type 3-row receptacle

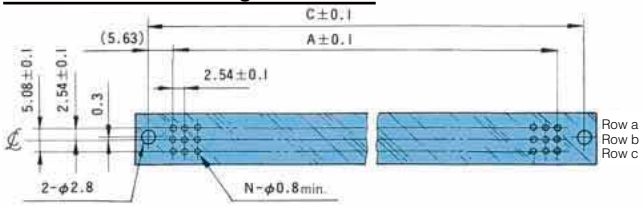








Recommended mounting dimensions



Ordering code

Part number 00 8345 3XX XXX XXX

Number of positions

Number of positions	A	B	C	D	Remarks
32	38.10	44.36	49.36	54.36	Pins are inserted into rows a and c of the insulator for 48-positions connector Ordering code is 48
48	38.10	44.36	49.36	54.36	
64	78.74	85.00	90.00	95.00	Pins are inserted into rows a and c of the insulator for 48-positions connector Ordering code is 96
96	78.74	85.00	90.00	95.00	

Tail shape

Code No.	Tail shape	Tail length=E
900	Standard	13.0
949	Standard	2.9
950	Kinked	2.9(Applicable board thickness1.6)

Variation

	Plating (μm)			
Contacting area	0.1 Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)
Post area	Solder	Solder	Solder	Solder

Variation code				Contacts inserted
013	023	033	043	All rows
014	024	034	044	Into rows a and c only

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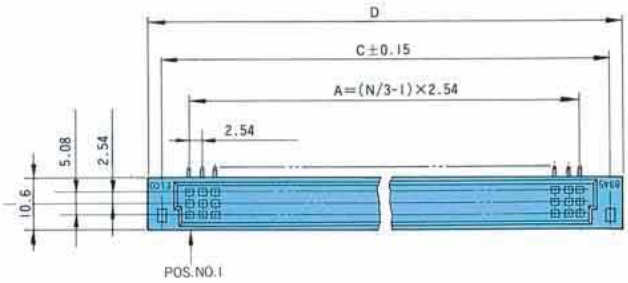
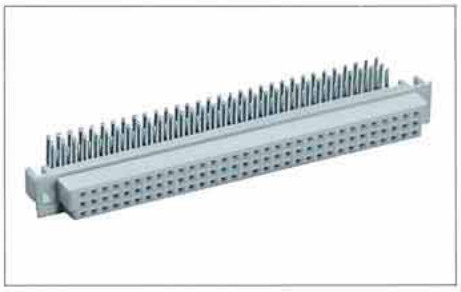
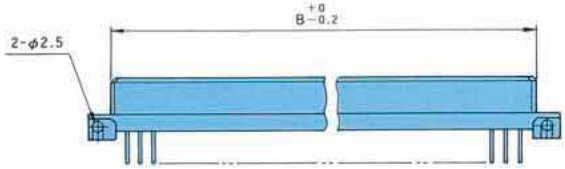
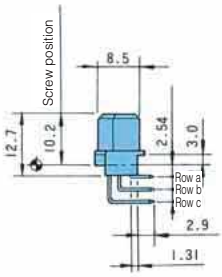
SERIES 8345

Soldering DIN-R type Reverse Right Angle type 3-row receptacle

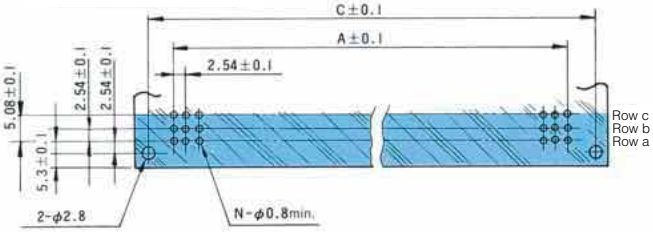








Recommended mounting dimensions



Ordering code (Applicable board thickness 1.6mm)

Part number	00	8345	3XX	XXX	XXX

Number of positions

Number of positions	A	B	C	D	Remarks
32	38.10	44.36	48.26	53.36	Pins are inserted into rows a and c of the insulator for 48-positions connector Ordering code is 48
48	38.10	44.36	48.26	53.36	
64	78.74	85.0	88.9	94.0	Pins are inserted into rows a and c of the insulator for 96-positions connector Ordering code is 96
96	78.74	85.0	88.9	94.0	

Tail shape

Code No.	Tail shape
969	Standard
970	One-touch lock

Variation

	Plating (μm)			
Contacting area	0.1 Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)
Post area	Solder	Solder	Solder	Solder

Variation code				Contacts inserted
013	023	033	043	All rows
014	024	034	044	Into rows a and c only

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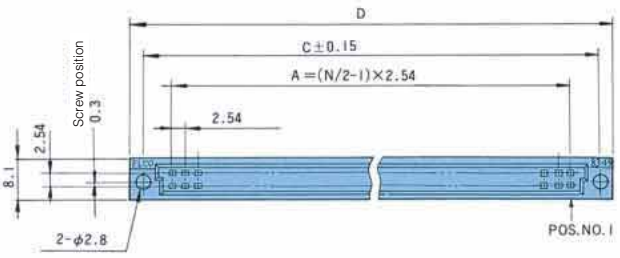
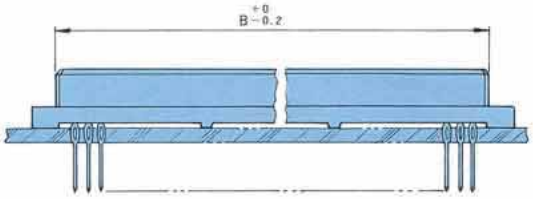
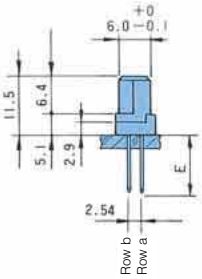
SERIES 8345

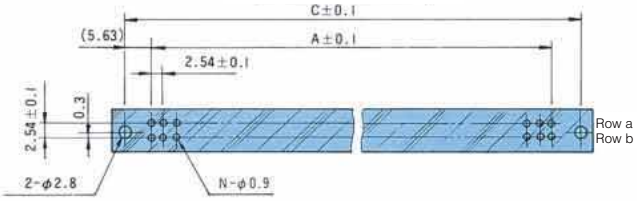
Perss-fit DIN-B/Extended DIN-N type 2-row receptacle







Recommended mounting dimensions



No flange type is also available.

● The extended DIN-N type is developed oliginally by us in comformity with DIN 41612.

Ordering code

Part number 07 8345 264 800 012

Number of positions

Number of positions	A	B	C	D	Remarks
64	78.74	85.0	90.0	95.0	DIN-B type
90	111.76	118.02	123.02	128.02	Extended DIN-N type
100*	124.46	130.72	135.72	140.72	Extended DIN-N type

* The code is"00"

Applicable board thickness/Tail length

Code No.	Tail shape	Tail length=E
804	1.6±0.15~3.2±0.2	13.0
806	1.6±0.15~3.2±0.2	3.5

Variation

	Plating (μm)				
Contacting area	0.1 Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)	0.25 Gold (Au)
Post area	Solder	Solder	Solder	Solder	0.25 Gold (Au)
	Variation code				
	012	022	032	042	062*

* Applicable only for E=13mm

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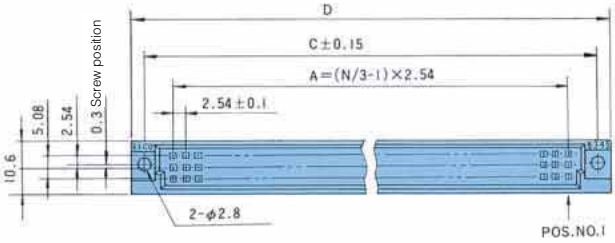
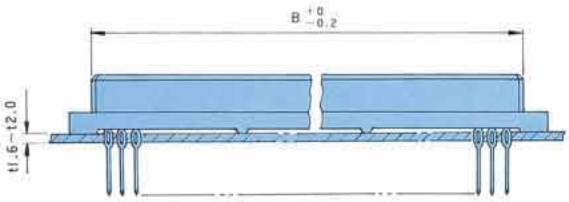
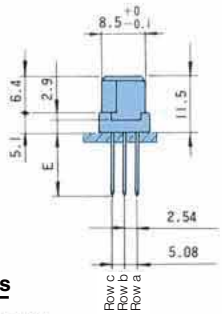
SERIES 8345

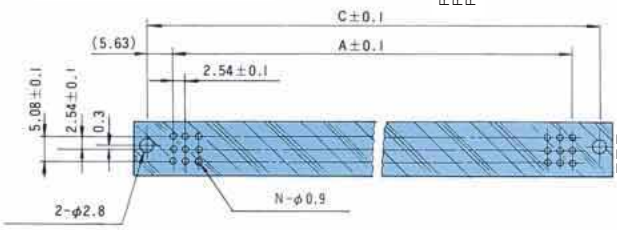
Perss-fit
DIN-C type 3-row receptacle







Recommended mounting dimensions



No flange type is also available.

Ordering code

Part number 07 8345 3XX XXX XXX

Number of positions

Number of positions	A	B	C	D	Remarks
32	38.10	44.36	49.36	54.36	Pins are inserted into rows a and c of the insulator for 48-positions connector Ordering code is 48
48	38.10	44.36	49.36	54.36	
64	78.74	85.00	90.00	95.00	Pins are inserted into rows a and c of the insulator for 96-positions connector Ordering code is 96
96	78.74	85.00	90.00	95.00	

Applicable board thickness/Tail length

Code No.	Tail shape	Tail length=E
804	1.6±0.15~3.2±0.2	13.0
806	1.6±0.15~3.2±0.2	3.5

Variation

Plating (µm)						
Contacting area	0.1 Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)	0.25 Gold (Au)	
Post area	Solder	Solder	Solder	Solder	0.25 Gold (Au)	
Variation code						Contacts inserted
013	023	033	043	063*		All rows
014	024	034	044	064*		Into rows a and c only

* Applicable only for E=13mm

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