Spec Sheet

Specifications Soldering/Wire wrapping type

Pitches	2.54 x 2.54mm
Rated current *	3A max.
Dielectric	
withstanding	AC 1000W rms
voltage	
Contact resistance	15m Ω or less
	Material: PBT
Insulator	UL grade: 94V-0
	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	1.6mm or less, or 2.4mm
thickness	or less

Press-fitting type

Ditalan	0.54 0.54
Pitches	2.54 x 2.54mm
Rated current *	3A max.
Dielectric	
withstanding	AC 1000W rms
voltage	
Contact resistance	15m Ω or less
	Material: PBT
Insulator	UL grade: 94V-0
	Color: White
	Material:
	Plug – CA-725
	Rece Phosphor bronze
Contact	Plating:
	Contacting area – Partly
	Au plated
	Post area – Solder plated
	Whole – Nickel undercoat
	Force to press-in:
Force to press-in	20kg/pin or less
and retain the post	Force to retain:
	3.0kg/pin or more
	Diameter of prepared hole:
	Ø1.0±0.02
Applicable through	Diameter of finished hole:
hole	Ø1.0 +0.05/-0.1
	Copper plating: 25 to 76µm
	Solder plating: 7.6µm
Applicable board	FR-4, G-10
material	
Applicable board	1.6mm or less, or 2.4mm
thickness	or less
	· · · · · · · · · · · · · · · · · · ·

Crimped type

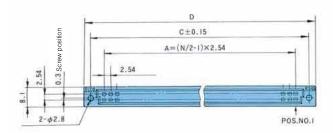
Pitches	2.54 x 2.54mm
Rated current *	3A max.
Dielectric	
withstanding	AC 1000W rms
voltage	
Contact resistance	20m_ or less
	Material: PBT
Insulator	UL grade: 94V-0
	Color: White
	Material:CA-725
	Plating:
Contact	Contacting area – Partly
	Au plated
	Crimping area –
	Solder plated
	Whole – Nickel undercoat
Applicable wire	AWG #22-28
Outside diameter	
of finished	Ø1.5mm or less
covered wire	VI.SIIIII OI IESS

Crimped type

Pitches	2.54 x 2.54mm
Rated current *	3A max.
Dielectric	
withstanding	AC 1000W rms
voltage	
	Material: PBT
Insulator	UL grade: 94V-0
	Color: White
	Material: Phosphor bronze
	Plating:
Contact	Contacting area – Partly
	Au plated
	Post area – Solder plated
	or Au flash plated
	Whole – Nickel base plated
	7 leads of AWG #28/0.127mm
	Sn plated annealed copper
Applicable wire	twisted wire
	Insulator: Heat resistance PVC
	Conductor pitch: 1.27±0.05mm

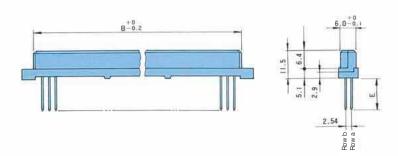
Series 8272/8345: UL File No. E67646

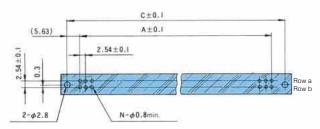
* Rated current: 1.5A at maximum in conformity with UL standards, 3A at maximum in conformity with IEC/DIN standards.











Ordering code

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

* The code is "00"

Part number	00	8345	2XX	XXX	XXX
Number of positions					

140.72

Extended DIN-N type

Number of positions	Α	В	С	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

135.72

Tail shape

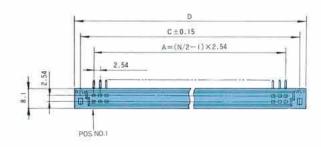
Code No.	Tail shape	Tail length=E
900	Standard	13.0
949	Standard	2.9
950	Kinked	2.9(Applicable board thickness1.6)

124.46

130.72

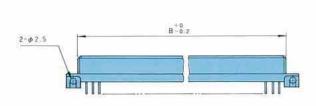
Variation

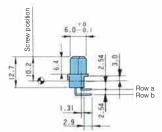
		Plating (µm)						
Contacting area	Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)				
Post area	Solder	Solder	Solder	Solder				
	Variation code							
	012	022	032	042				

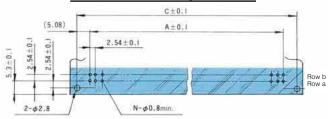










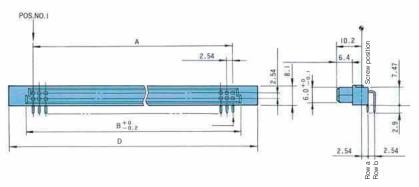




Part numb	er				00	8345	264	XXX	XXX
Number of	positions							T	T
Number of positions	Α	В	С	D					
64	78.74	85.0	88.9	94.0					
Tail shape		. 1							
Code No.	Tail shap Standard								
970	One-touch I								

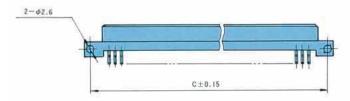
Variation

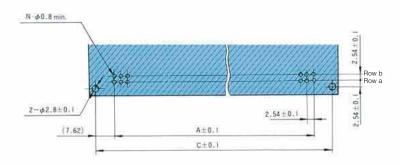
	Plating (µm)						
Contacting area	Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)			
Post area	Solder	der Solder Solder		Solder			
	Variation code						
	012	022	032	042			











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

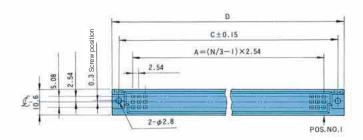
Ordering code (Applicable board thickness 1.6mm)

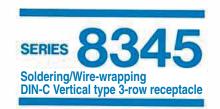
Number of positions A B C D 20 22.86 29.02 38.10 43.10 30 35.56 41.72 50.80 55.80 44 53.34 59.50 68.58 73.58 50 60.96 67.12 76.20 81.20	iumber of	positions							
30 35.56 41.72 50.80 55.80 44 53.34 59.50 68.58 73.58	umber of positions	Α	В	С	D				
44 53.34 59.50 68.58 73.58	20	22.86	29.02	38.10	43.10				
	30	35.56	41.72	50.80	55.80				
50 60.96 67.12 76.20 81.20	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	64	78.74	84.90	93.98	98.98				
90 111.76 117.92 127.00 132.00	90	111.76	117.92	127.00	132.00				
100* 124.46 130.62 139.70 144.70 * The code is "00"	100*	124.46	130.62	139.70	144.70	* The code is	°00″		

990 Variation

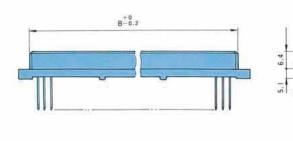
		Plating (µm)						
Contacting area	Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)				
Post area	Solder	Solder	Solder	Solder				
	Variation code							
	012	022	032	042				

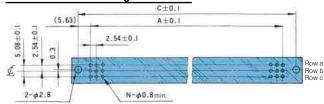
One-touch lock











5.08

Ordering code

Part number 8345 **3XX** Number of positions

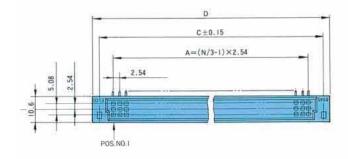
Number of positions	Α	В	С	D	Remarks
32	38.10	44.36	49.36	54.36	Pins are inserted into rows a and c of the insulator for 48-positions connector Ordering code is 48
48	38.10	44.36	49.36	54.36	
64	78.74	85.00	90.00	95.00	Pins are inserted into rows a and c of the insulator for 48-positions connector Ordering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

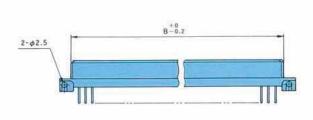
Variation •

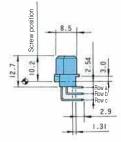
		Plating (µn	n)		
Contacting area	Gold (Au)	0.25 Gold (Au)	0.5 Gold (Au)	0.76 Gold (Au)	
Post area	Solder	Solder	Solder	Solder	
		Contacts inserted			
	013	023	033	043	All rows
	014	024	034	044	Into rows a and c only

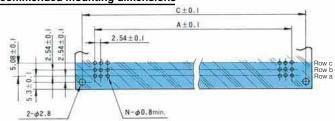










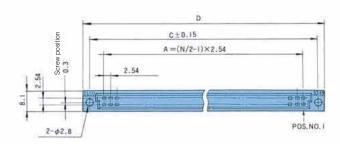


Ordering code (Applicable board thickness 1.6mm)

Part number	er				00	8345	3XX	XXX	XX
Number of p	ositions		¥		170				
Number of positions	Α	В	С	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 Orde	ering 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 Orde	ering code is 96		
96	78.74	85.0	88.9	94.0					
Tail shape									
Code No.	Tail shap	e							
969	Standard	b							
970	One-touch	lock							

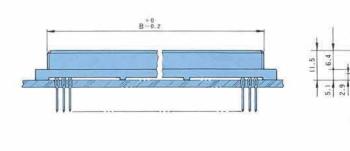
Variation •

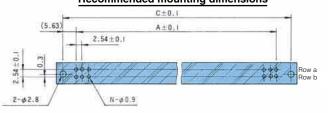
Contacting area	Contacting area Gold (Au) Gold (Au) Gold (Au) Gold (Au) Gold (Au)					
Post area	Solder	Solder	Solder	Solder		
	Variation code					
	013	023	033	043	All rows	
	014	024	034	044	Into rows a and c only	











• 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	Α	В	С	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"

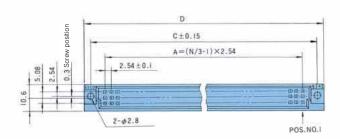
Applicable board thickness/Tail length

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

		Platir	ng (µm)		
Contacting area	Gold (Au)				
Post area	Solder	Solder	Solder	Solder	0.25 Gold (Au)
			de		
	012	022	032	042	062*

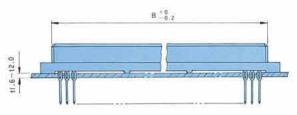
* Applicable only for E=13mm



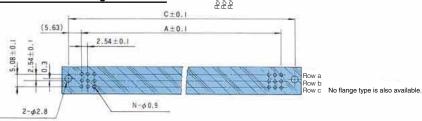




* Applicable only for E=13mm



Recommended mounting dimensions



Ordering code

Part number 07 8345 3XX XXX XXX

Number of positions

Number of positions	А	В	С	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 -

	v	Platir	ng (µm)					
Contacting area	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							
I	013	023	033	043	063*	All rows		
İ	014	024	034	044	064*	Into rows a and c only		