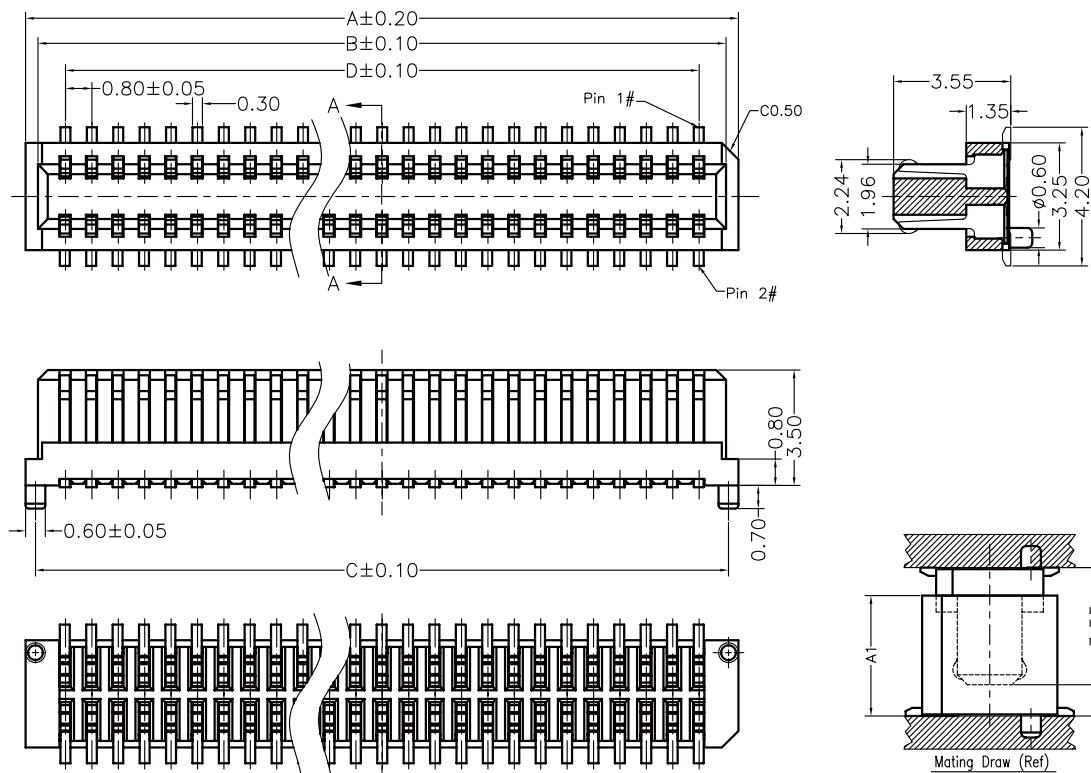




Specifications

Current Rating:0.5A AC/DC

Voltage Rating:100V AC/DC

Contact Resistance:40m ohm. Max

Insulation Resistance:100Mohm min

Withstanding Voltage:500V(r.m.s) For one Minute

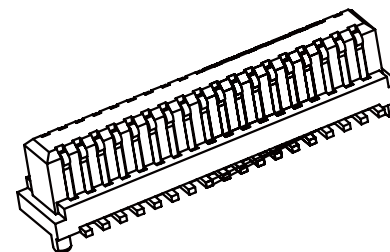
Operating Temperature Range:-40°C to 105°C

Materials:

Insulator:High Temp. Plastic(Nylon 46 UL94V-0 White)

Conact :Phosphor Bronze

Plated:Gold Plated

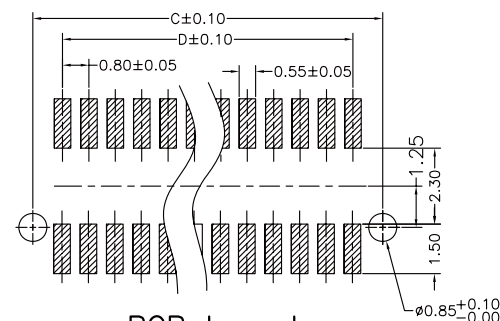


Contacts Dimension :

Number of Position	A	B	C	D	Number of Position	A	B	C	D
10	5.60	4.85	5.00	3.20	34	15.20	14.45	14.60	12.80
12	6.40	5.65	5.80	4.00	36	16.00	15.25	15.40	13.60
14	7.20	6.45	6.60	4.80	38	17.80	16.05	16.20	14.40
16	8.00	7.25	7.40	5.60	40	17.60	16.85	17.00	15.20
18	8.80	8.05	8.20	6.40	50	21.60	20.85	21.00	19.20
20	9.60	8.85	9.00	7.20	60	25.60	24.85	25.00	23.20
22	10.40	9.65	9.80	8.00	68	28.80	28.05	28.20	26.40
24	11.20	10.45	10.60	8.80	70	29.60	28.85	29.00	27.20
26	12.00	11.25	11.40	9.60	80	33.60	32.85	33.00	31.20
28	12.80	12.05	12.20	10.40	90	37.60	36.85	37.00	35.20
30	13.60	12.85	13.00	11.20	100	41.60	40.85	41.00	39.20
32	14.40	13.65	13.80	12.00					

**Mating Height Dimension

P/N(Plug)	P/N(Socket)	Mating Height Dim A1	Mating Height Dim H
NP0820-PV365P-xxx	NP0820-SV085P-xxx	3.65	4.50
NP0820-PV415P-xxx	NP0820-SV085P-xxx	4.15	5.00
NP0820-PV515P-xxx	NP0820-SV085P-xxx	5.15	6.00
NP0820-PV565P-xxx	NP0820-SV085P-xxx	5.65	6.50
NP0820-PW480X-xxx	NP0820-SV085P-xxx	4.70	5.65



PCB Layout

MORETHANALL
PCB CONNECTORS
Cable ASSEMBLIES

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RoHS Compliant

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

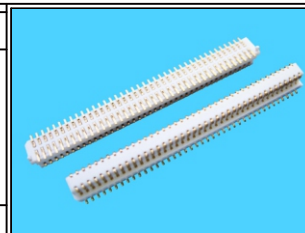
DATE

SIZE A4

PPOJECTION

TOLERANCES ARE

X, ±
.X ± 0.20
.XX ± 0.10
.XXX ±
ANG ±



ORDER INFORMATION

NP0820-SV085P-xxx-LF

SERIES

LEADFREE

010~100WAY

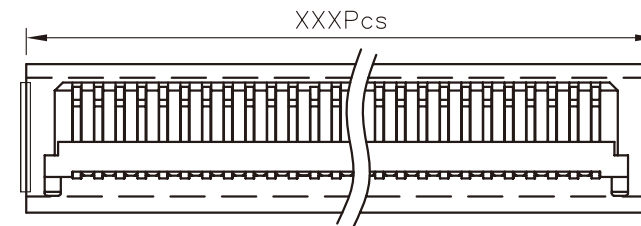
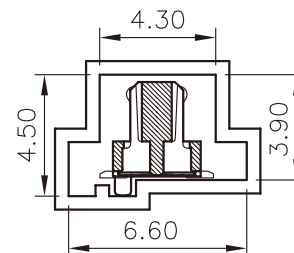
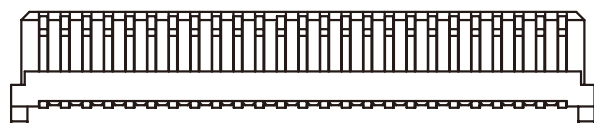
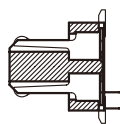
POST

UNMATED HIGH/ 0.85mm

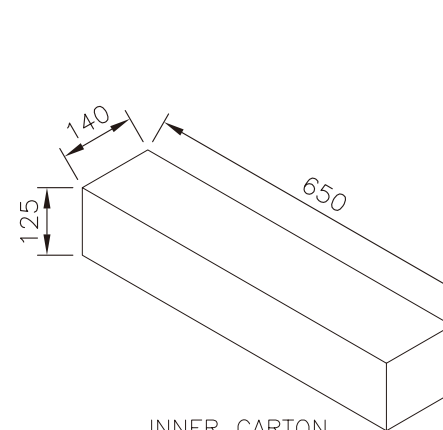
180°SMT

FEMALE

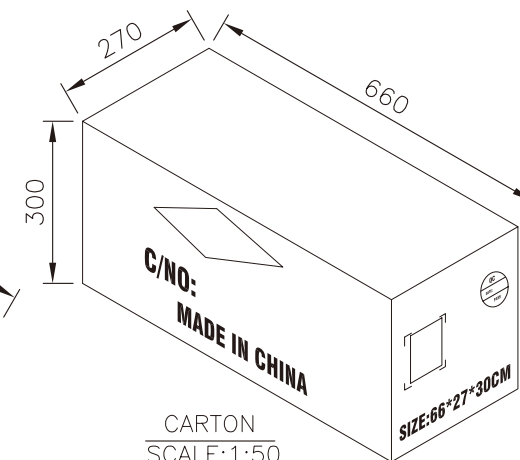
DESCRIPTION: 0.8mm Board To Board Socket 3.55mm Height



Pin.	Pcs/Tube	Pcs/Inner Carton	Pcs/Carton	Pin.	Pcs/Tube	Pcs/Inner Carton	Pcs/Carton
10	108	19440	77760	34	40	7200	28800
12	95	17100	68400	36	38	6840	27360
14	84	15120	60480	38	36	6480	25920
16	76	13680	54720	40	34	6120	24480
18	69	12420	49680	50	28	5040	20160
20	63	11340	45360	60	23	4140	16560
22	58	10440	41760	68	21	3780	15120
24	54	9720	38880	70	20	3600	14400
26	50	9000	36000	80	18	3240	12960
28	47	8460	33840	90	16	2880	11520
30	44	7920	31680	100	14	2520	10080
32	42	7560	30240				



INNER CARTON
SCALE:1:50



CARTON
SCALE:1:50

Note:

1,Dimension

Tube Size: L=635mm

Inner Carton Size:650(L)X140(W)X125(H) (mm)

Carton Size:660(L)X270(W)X300(H) (mm)

2,Quantity:

180 Tube/Inner Carton

4 Inner Carton/Carton

RoHS Compliant

TOLERANCES ARE

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Cable ASSEMBLIES

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DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

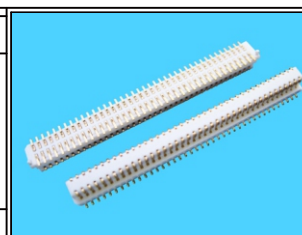
SCALE 1:1

DATE

SIZE A4

PPOJECTION

X. ±
.X ±
.XX ±
.XXX ±
ANG ±



ORDER INFORMATION

NP0820-SV085P-xxx-LF

SERIES

LEADFREE

010~100WAY

POST UNMATED HIGH/ 0.85mm

180°SMT

FEMALE

DESCRIPTION: 0.8mm Board To Board Socket 3.55mm Height