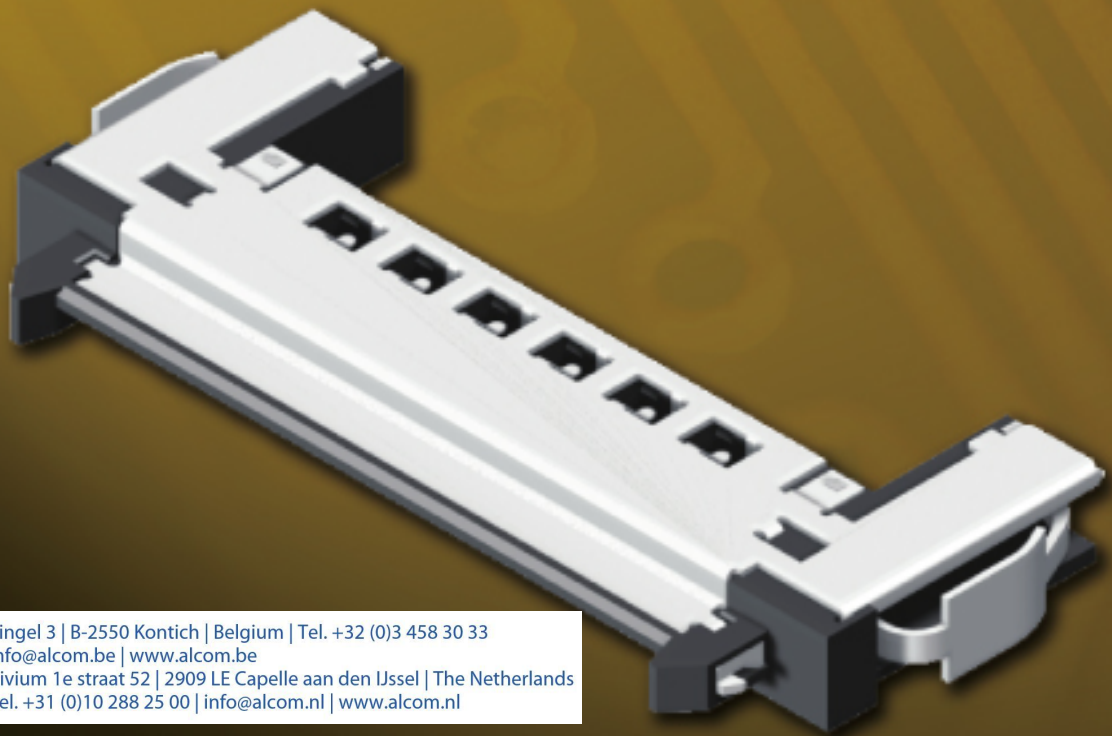


Board To Wire & Wire To Wire Connectors

- 3-1 • Housing Wafer Terminal 0.5mm
- 3-2 • Housing Wafer Terminal 0.8mm



Singel 3 | B-2550 Kontich | Belgium | Tel. +32 (0)3 458 30 33
info@alcom.be | www.alcom.be
Rivium 1e straat 52 | 2909 LE Capelle aan den IJssel | The Netherlands
Tel. +31 (0)10 288 25 00 | info@alcom.nl | www.alcom.nl



AMTEK Technology Co., Ltd

CONNECTORS MANUFACTURER



Old P/N.:0505 Series

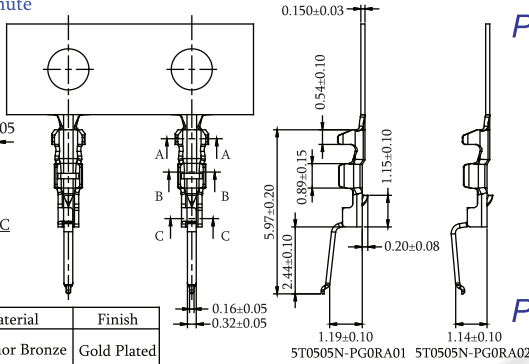
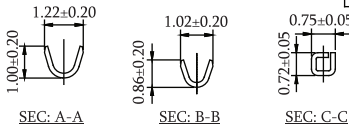
0.5mm 0505 Series Terminal / Housing / Wafer SMT R/A Type

Specifications

Current Rating: 0.7A AC,DC
 Voltage Rating: 100V AC,DC
 Temperature Range: -25°C to +85°C
 Contact Resistance: 50mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstanding Voltage: 500V AC/minute

Material

Housing: Nylon 46, UL94V-0
 Wafer: LCP, UL94V-0
 Terminal: Phosphor Bronze / Gold Plated
 Shell: Phosphor Bronze / Tin Plated

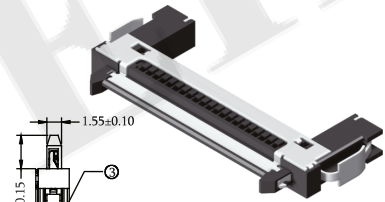
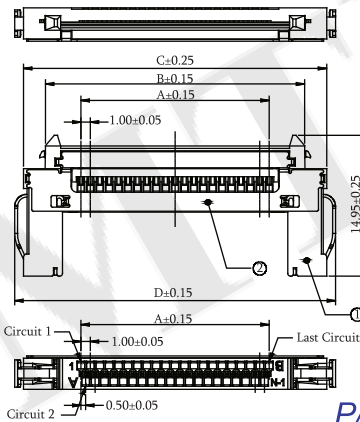
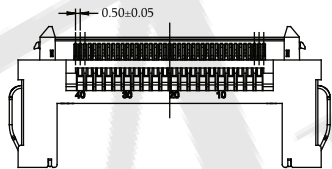


P/N.:5T0505N-PG0RA01

P/N.:5T0505N-PG0RA02

Part No.	Wire Range	Insulation O.D.	Material	Finish
5T0505N-01	#30-#36	0.75mm(Max)	Phosphor Bronze	Gold Plated
5T0505N-02				

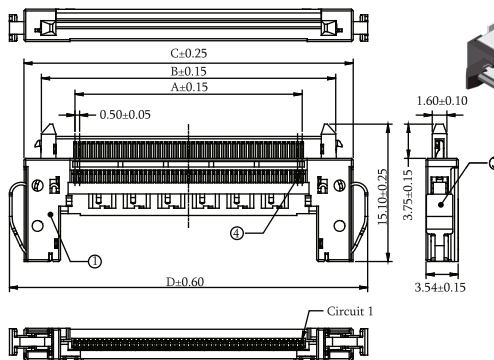
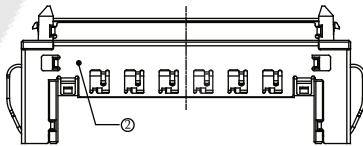
No.	Description	Material	Color
1	Insulator	Nylon 46 UL94V-0	Natural(Black)
2	Ground Plate	Stainless	—
3	Lock Lever	Stainless	—



No. of Contacts	Dimensions			
	A	B	C	D
21	10.00	17.54	22.20	24.34
31	15.00	22.54	27.20	29.34
41	20.00	27.54	32.20	34.34
51	25.00	32.54	37.20	39.34

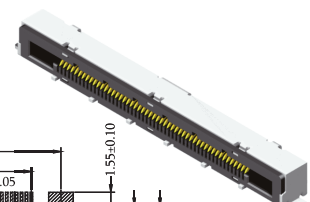
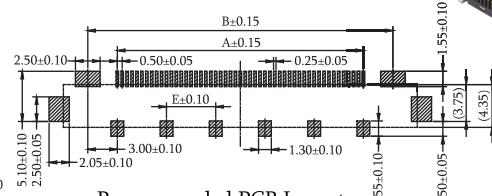
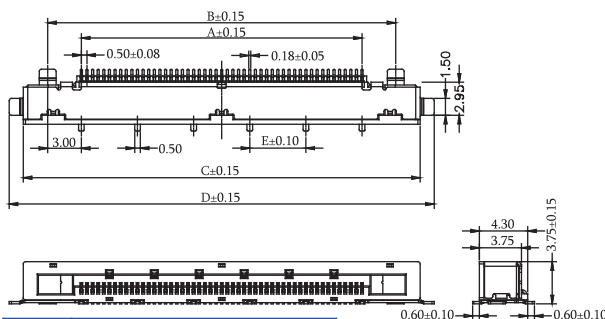
P/N.:5H0505N0-1XXBAU00A01

No.	Description	Material	Color
1	Insulator	LCP UL94V-0	Natural(Black)
2	Ground Plate	Phosphor Bronze/Tin Plated	—
3	Lock Lever	Stainless	—
4	Contact	Phosphor Bronze Contact area: Gold Plated Solder area: Tin Plated	—



No. of Contacts	Dimensions			
	A	B	C	D
21	10.00	17.40	21.25	24.45
31	15.00	22.40	26.25	29.45
41	20.00	27.40	31.25	34.45
51	25.00	32.40	36.25	39.45

P/N.:5H0505N1-1XXBAU00A01



Recommended PCB Layout
(PCB TOLERANCE ±0.05)

No. of Contacts	Dimensions				
	A	B	C	D	E
41	20.00	30.35	26.00	4.00	4.00
51	25.00	35.35	31.00	5.00	5.00

P/N.:5W0505H0-1XXG0BRUA01

Housing Wafer Terminal



ROHS

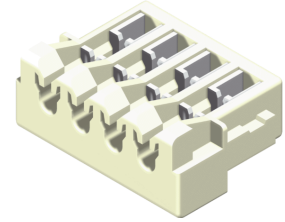
0.8mm 0800 Series Housing IDC / Wafer SMT & SMT R/A Type

Specifications

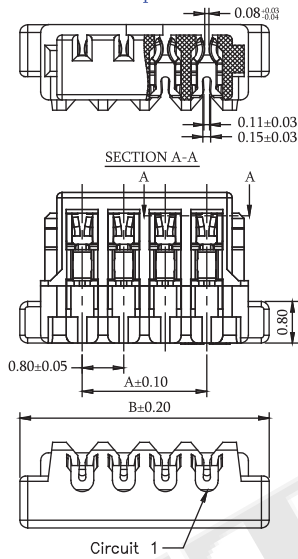
Current Rating: 0.5A AC,DC
 Voltage Rating: 30V AC,DC
 Temperature Range: -25°C to +85°C
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 100MΩ Min
 Withstanding Voltage: 200V AC/minute

Material

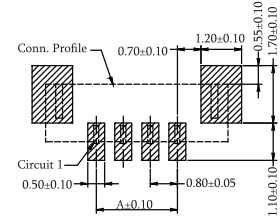
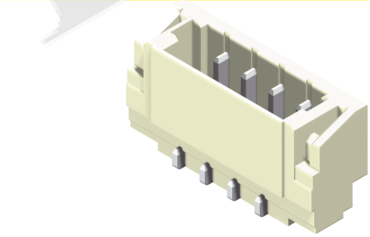
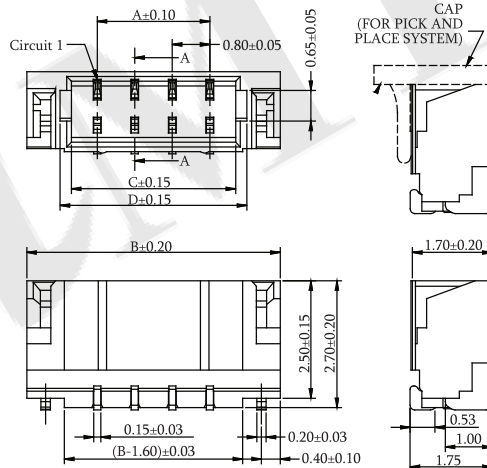
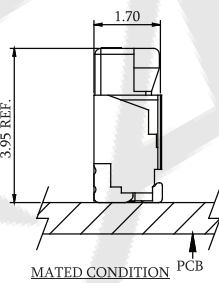
Housing: Nylon 46, UL94V-0
 Wafer: Nylon 6T, UL94V-0
 Terminal: Phosphor Bronze / Tin Plated
 Solder Tabs: Phosphor Bronze / Tin Plated



No. of Contacts	Dimensions	
	A	B
02	0.80	2.40
03	1.60	3.20
04	2.40	4.00
05	3.20	4.80
06	4.00	5.60
07	4.80	6.40
08	5.60	7.20
10	7.20	8.80
12	8.80	10.40
14	10.40	12.00
15	11.20	12.80
16	12.00	13.60
17	12.80	14.40
20	15.20	16.80



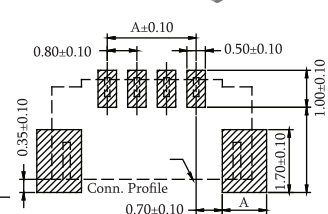
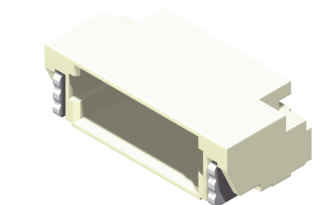
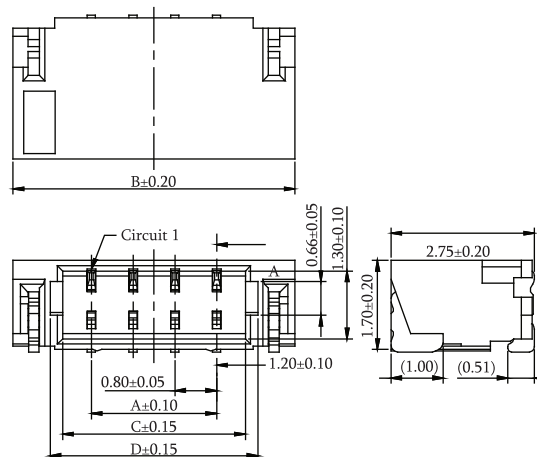
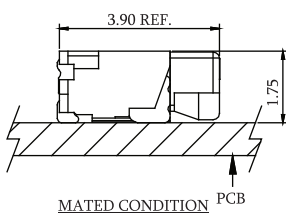
P/N.:5W0800DX-1XXXXWXUA01
 1:With Ear T0: Tin Plated
 0:W/O Ear G0: Gold Plated



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

P/N.:5W0800G0-1XXXXWRUA0X
 T0: Tin Plated 1: NY6T
 G0: Gold Plated 2: LCP

No. of Contacts	Dimensions			
	A	B	C	D
02	0.80	3.80	1.90	2.38
03	1.60	4.60	2.70	3.18
04	2.40	5.40	3.50	3.98
05	3.20	6.20	4.30	4.78
06	4.00	7.00	5.10	5.58
07	4.80	7.80	5.90	6.38
08	5.60	8.60	6.70	7.18
10	7.20	10.20	8.30	8.78
12	8.80	11.80	9.90	10.38
14	10.40	13.40	11.50	11.98
15	11.20	14.20	12.30	12.78
16	12.00	15.00	13.10	13.58
17	12.80	15.80	13.90	14.38
20	15.20	18.20	16.30	16.78



Recommended PCB Layout
 (PCB TOLERANCE ±0.05)

P/N.:5W0800H0-1XXXXWHUA01
 T0: Tin Plated
 G0: Gold Plated