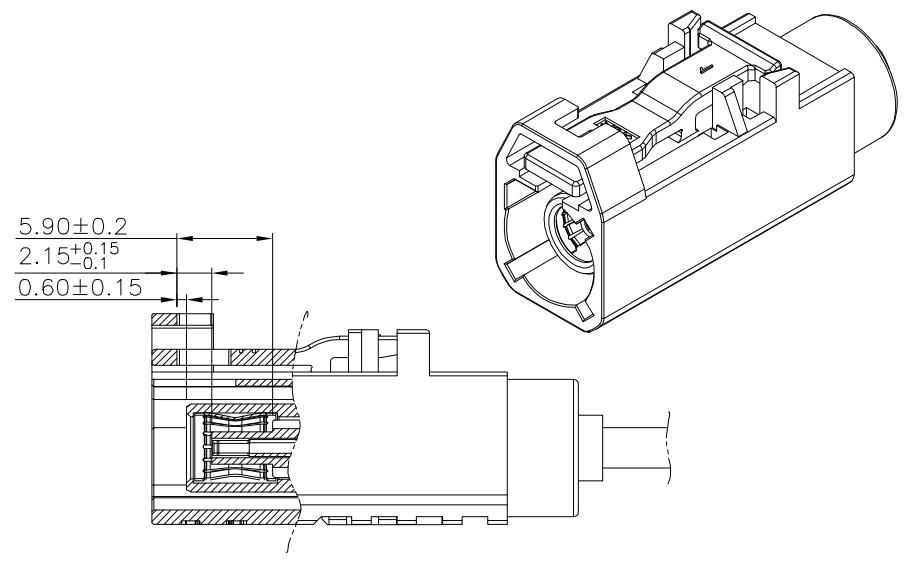
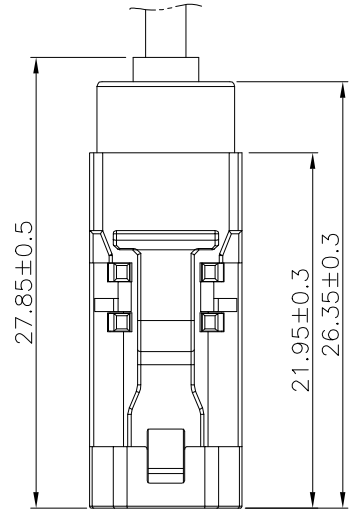
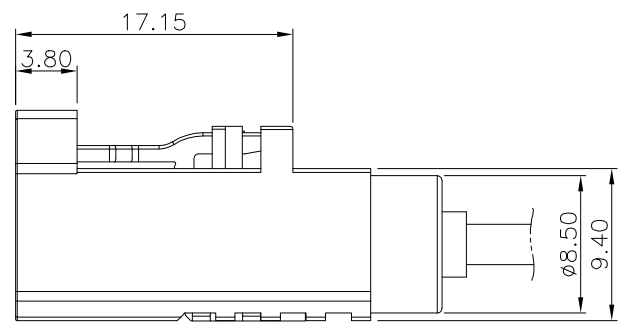
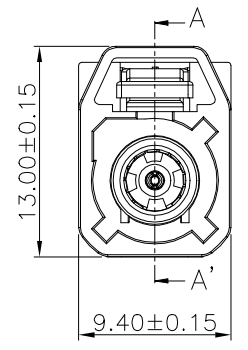


REV.	SPECIFICATION	ECN NO.	APPD.



Section A-A'



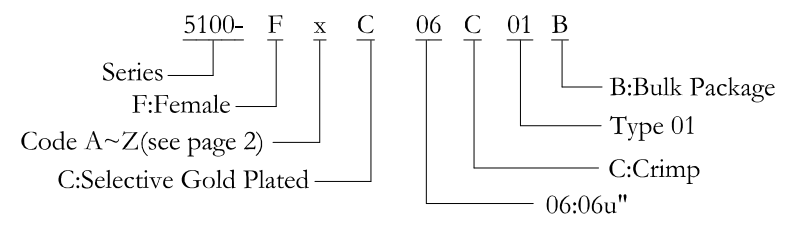
**Material:**

Housing: PBT, UL94V-0.  
 Spacer: Nylon.  
 Contacts: Phosphor Bronze, 6u" Gold Plated on Contact Area  
 40~160u" Matte Tin Plated on Solder Area  
 over Nickel 50u".  
 Spring: Phosphor Bronze, 50u" Nickel Plated.  
 Socket: Brass, 50u" Nickel Plated.  
 Rivet Coil: Brass, 50u" Nickel Plated.

**Characteristics:**

Impedance: 50Ω.  
 Frequency range: DC to 6GHz  
 Return Loss: ≤ 20 dB to 0~6 Ghz.  
 Insertion Loss:  
 ≥ -0.25 dB @ 0~1 GHz  
 ≥ -0.35 dB @ 1~2.5 GHz  
 ≥ -0.45 dB @ 2.5~4 GHz  
 ≥ -0.55 dB @ 4~5.5 GHz  
 ≥ -0.65 dB @ 5.5~6 GHz  
 Insulation resistance: 1000MΩ min.  
 Contact Resistance: 24mΩ max.  
 Test Voltage: 750V rms.  
 Work Voltage: 335V rms.  
 Power Current at 85°C: ≤ 1 A DC.  
 Operating Temperature: -40°C~+105°C.

**\*RoHS Compliant**



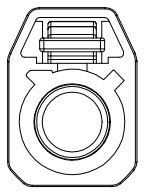
Tolerances	Dwg. No.	S2120220530-03		Title:	5100 Series
x. = ±0.30	Projection	⊕ ⊖			FAKRA Connector Jack
.x = ±0.20	Unit	mm	Scale	1:N	Crimp Type
.xx = ±0.15	Drawn By	Martin 01/03'23		① 619	
.xxx = ±0.05					

<b>OUPIIN</b>			
OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.			
P/N: 5100-Fx06C01B			
SHEET	1/2	Ver.No.	X6

REV.	SPECIFICATION	ECN NO.	APPD.

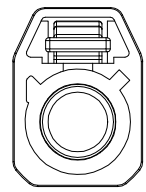
”\*”Available Code

CODE A



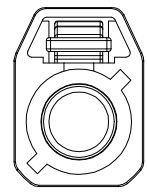
BLACK

CODE B



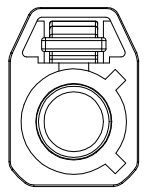
WHITE

\* CODE C



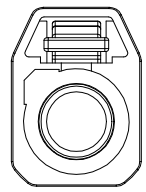
BLUE

CODE D



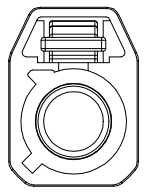
BORDEAUX

CODE E



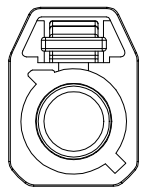
GREEN

CODE F



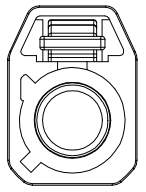
BROWN

CODE G



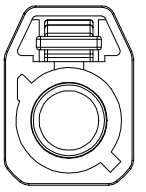
GRAY

CODE H



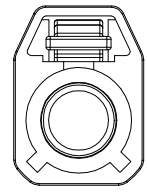
VIOLET

CODE I



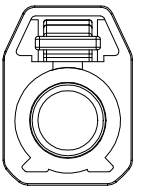
BEIGE

CODE K



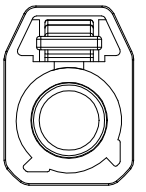
CURRY

CODE L



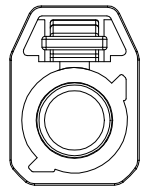
CARMINE RED

CODE M



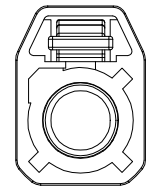
PASTEL ORANGE

CODE N



PASTEL GREEN

\* CODE Z



WATER BLUE

<b>Tolerances</b> x. = ±0.30 .x = ±0.20 .xx = ±0.15 .xxx = ±0.05	<b>Dwg. No.</b>	S2120220530-03		<b>Title:</b> 5100 Series FAKRA Connector Jack Crimp Type	 <b>OUPIIN ELECTRONIC(KUNSHAN) CO., LTD.</b> P/N: 5100-FxC06C01B	
	<b>Projection</b>					
	<b>Unit</b>	<i>mm</i>	<b>Scale</b>			1:N
	<b>Drawn By</b>	Martin 01/03'23				① 619
			<b>SHEET</b>	2/2	<b>Ver.No.</b>	X6