



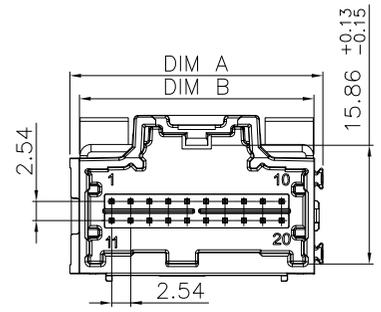
Specifications:  
 Material And Finish:  
 Insulator: High Temperature Thermoplastic UL94V-0  
 Color: See Ordering Information  
 Contact: Brass  
 Plated: See Ordering Information

Rating:  
 Current Rating: 10A  
 Voltage Rating: 500V  
 Temperature Rating: -40°C~105°C

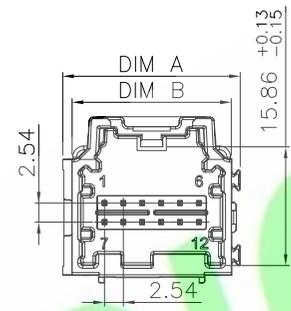
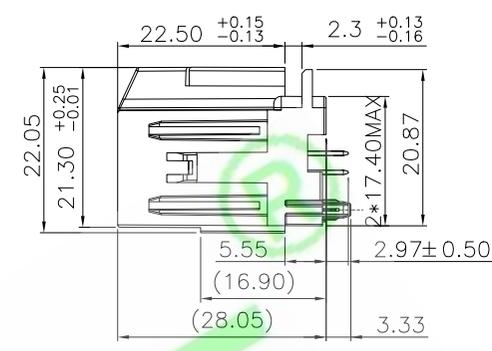
Electrical:  
 Contact resistance: 10m Ohm Max  
 Insulator resistance: 100M Ohm min  
 Withstanding Voltage: 500V AC/Minute

Ordering Information  
 A254001S-XXX-XX-X  
 1 2 3 4 5 6

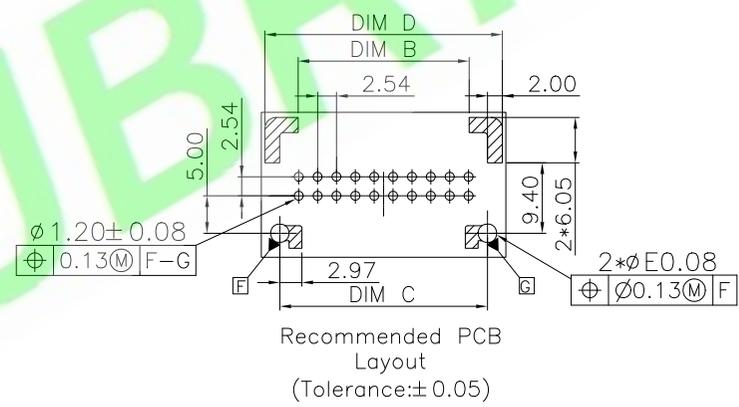
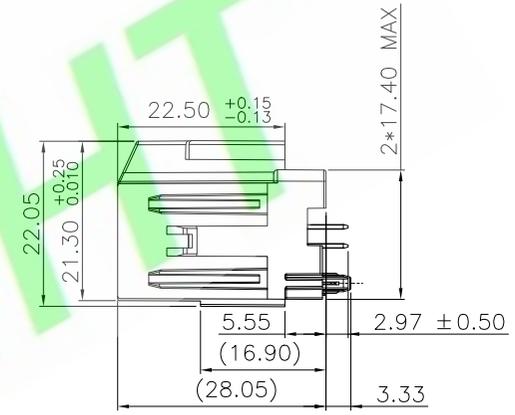
- 1: — Series No.
- 2: — S: Straight Type
- 3: — No. of Positions
- 4: — S: Matte Tin Plated  
Q: Tin Plated
- 5: — 01: A Type Black  
02: B Type Grey  
03: C Type Brown  
04: D Type Green
- 6: — B: In Tube  
C: In Tray



LAYOUT FOR 16&20CKT HEADERS  
 20 CKT.A Type SHOWN



LAYOUT FOR 8&12CKT HEADERS  
 12CKT.A Type SHOWN



Recommended PCB Layout  
 (Tolerance: ±0.05)

N/P	DIMA	DIMB	DIMC	DIMD
20	34.04	31.57	27.94	31.97
16	28.96	26.49	22.86	26.89
12	23.88	21.41	17.78	21.18
8	18.80	16.53	12.70	16.73

DR.BY.: XIAO	GENERAL TOLERANCE:		PART NO : A254001S-XXX-XX-X	
CHKD.: Judyyan	LINEAR	ANGLES	DWG. NO.:	
APPD.: Billy	x.: ±0.30	x': ±5.0°	TITLE : 2.54mm Pitch Wafer Straight Type	
	x.x: ±0.20	x.x': ±3.0°	DATE: 27-Nov-2022	
	x.xx: ±0.15	x.xx': ±2.0°		
	x.xxx: ±0.10	x.xxx': ±1.0°		

**HJBRIGHT** 東莞市華晶電子有限公司  
 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

SHEET: 1/2  
 SCALE: 1:1  
 UNIT: mm

THIRD ANGLE PROJECTION

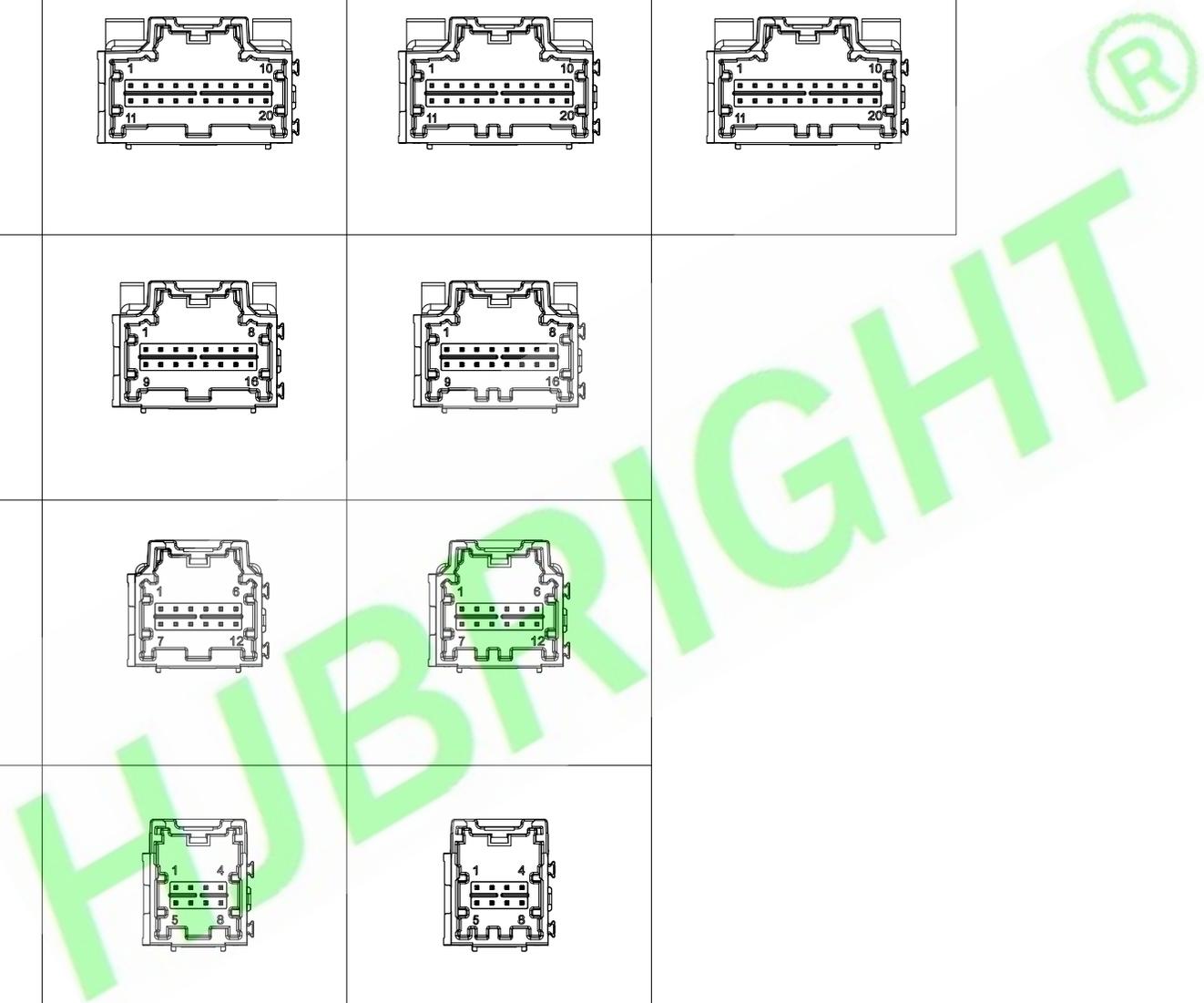
**A4**

1X	ORIGINAL	XIAO	
REV.	DESCRIPTION	DR.BY	ECN. NO



Rib/Rippe Type

Cktsize	A Type Black	B Type Grey	C Type Brown	D Type Green
20				
16				
12				
8				



DR.BY.: Xiao		GENERAL TOLERANCE:		PART NO : A254001S-XXX-XX-X		<b>HJBRIGHT</b> 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED	
CHKD.: Judyyan		LINEAR	ANGLES	DWG. NO.:			
APPD.: Billy		x.: ±0.30	x: ±5.0°	TITLE :		SHEET: 2/2	THIRD ANGLE PROJECTION
1X	ORIGINAL	x.x: ±0.20	x.X: ±3.0°	2.54mm Pitch Wafer Straight Type		SCALE: 1:1	
REV.	DESCRIPTION	x.xx: ±0.15	x.XX: ±2.0°	DATE: 27-Nov-2022		UNIT: mm	
		x.xxx: ±0.10	x.XXX: ±1.0°				<b>A4</b>