

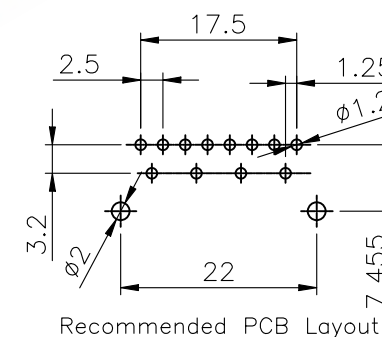
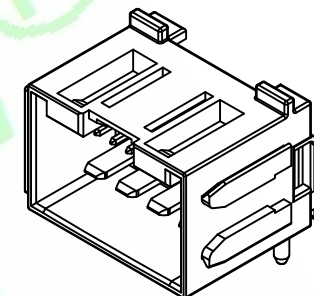
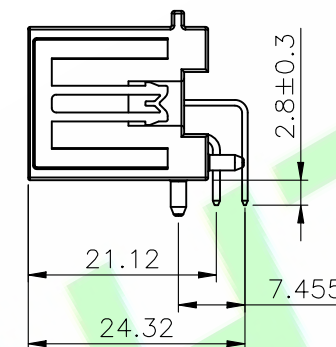
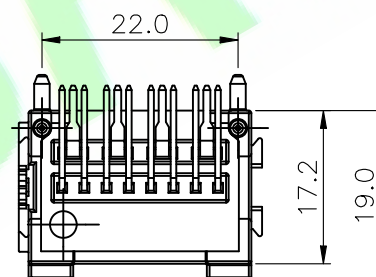
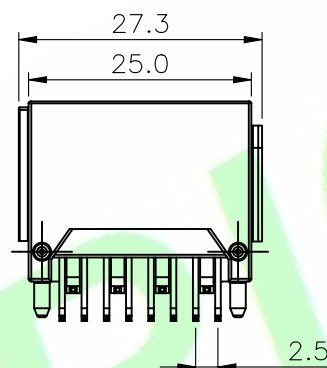
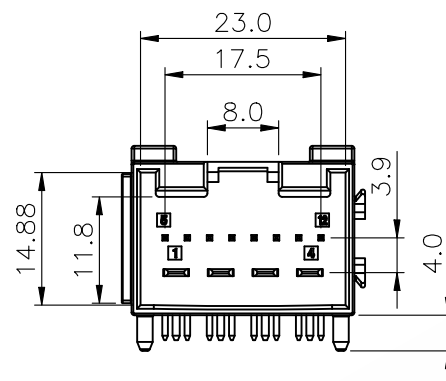
Specifications:
Material And Finish:
Insulator:PA9T UL94V-0
Contact:Brass
Plated:See Ordering Information

Rating:
Current Rating:
Signal Pin:5.0 Amp
Power Pin:16.0 Amp
Operating Temperature Range:-40°~+105°C

Electrical:
Contact resistance:
Signal pin:20m Ohm Max
Power pin:5m Ohm Max
Insulator resistance:100M ohm min.

Ordering Information
A25002RA-12Q-XX-XG

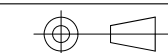
- 1: — Series No.
2: — R/R/A Type
3: — No. of Positions
4: — Q: Tin Plated
5: — 01: CODING A-C
02: CODING A-D
03: CODING B-C
04: CODING B-D
6: — A: 4 Way
B: 10 Way
C: 12 Way
7: — A: In Bag
B: In Tube
C: In Tray
G: Tape & Reel



DR.BY.: Zolin	GENERAL TOLERANCE:		PART NO : A25002RA-12Q-XX-XG	
CHKD.: Sam	LINEAR	ANGLES	DWG. NO.:	
APPD.: Billy	x.: ±0.40	x': ±5.0°	TITLE :	
	x.x: ±0.25	x.x': ±3.0°	4 WAY POWER/10 WAY/12 WAY HYBRID HEADER	
	x.xx: ±0.15	x.xxx: ±1.0°	DATE: 08-Mar-2025	

HJBRIGHT® 东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	Zolin	
REV.	DESCRIPTION	DR.BY	ECN. NO.



DIFFERENT CODING



CODING B-C

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

DR.BY.:	GENERAL TOLERANCE:	
Zolin	LINEAR	ANGLES
CHKD.:	x.:	x': ±5.0"
	Sam	x.x: ±0.40
APPD.:	x.xx: ±0.25	x.xx': ±2.0"
	Billy	x.xxx: ±0.15
		x.xxx': ±1.0"

PART NO : A25002RA-12Q-XX-XG
DWG. NO.:
TITLE : 4 WAY POWER/10 WAY/12 WAY HYBRID HEADER
DATE: 08-Mar-2025

HJBRIGHT® 東莞市華晶電子有限公司 BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED		
SHEET: 2/2 SCALE: 1:1 UNIT: mm	 THIRD ANGLE PROJECTION	

12 WAY HYBRID HEADER	X	F	F	X	X	X	X	X	X	X	X	X	8	0.63 SQ PIN	Sn OVER Ni	3
	A-D	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	F	X	X	F	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BLACK	4
	B-C	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	X	F	F	X	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BROWN	4
	A-D	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	F	X	X	F	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BLACK	4
	B-C	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	X	F	F	X	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BROWN	4
	A-D	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	X	F	F	X	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BLACK	4
	B-C	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	X	F	F	X	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BROWN	4
	A-D	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	X	F	F	X	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BLACK	4
	B-C	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	X	F	F	X	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BROWN	4
	A-D	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	X	F	F	X	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	BLUE	4
	B-C	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	X	F	F	X	X	X	X	X	X	X	X	X	8	12 WAY HOUSING	GREEN	4
	A-D	X	X	X	X	X	X	X	X	X	X	X	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
	10 WAY HYBRID HEADER	X	F	F	X	-	X	X	X	X	X	-	6	0.63 SQ PIN	Sn OVER Ni	3
		A-D	X	X	X	X	X	X	X	X	X	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2
F		X	F	X	-	X	X	X	X	X	-	6	12 WAY HOUSING	BLACK	4	
B-D		X	X	X	X	X	X	X	X	X	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
X		F	F	X	-	X	X	X	X	X	-	6	12 WAY HOUSING	BLUE	4	
A-C		X	X	X	X	X	X	X	X	X	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
F		X	X	F	-	X	X	X	X	X	-	6	12 WAY HOUSING	GREEN	4	
B-C		X	X	X	X	X	X	X	X	X	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
X		F	F	X	-	X	X	X	X	X	-	6	12 WAY HOUSING	BROWN	4	
A-D		X	X	X	X	X	X	X	X	X	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
X		F	F	X	-	X	X	X	X	X	-	6	12 WAY HOUSING	BLACK	4	
B-C		X	X	X	X	X	X	X	X	X	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
4 WAY POWER HEADER	X	F	X	F	-	-	-	-	-	-	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
	B-D	X	X	X	X	X	X	X	X	X	-	4	4 WAY HOUSING	BLUE	1	
	X	F	X	F	-	-	-	-	-	-	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
	A-C	X	X	X	X	X	X	X	X	X	-	4	4 WAY HOUSING	GREEN	1	
	F	X	X	F	-	-	-	-	-	-	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
	B-C	X	X	X	X	X	X	X	X	X	-	4	4 WAY HOUSING	BROWN	1	
DESCRIPTION	X	F	F	X	-	-	-	-	-	-	-	4	0.8X2.8 TAB PIN	Sn OVER Ni	2	
	A-D	X	X	X	X	X	X	X	X	X	-	4	4 WAY HOUSING	BLACK	1	
DESCRIPTION	A	B	C	D	5	6	7	8	9	10	11	12	QTY	PART DESCRIPTION	COLOR/FINISH	ITEM NO
					1	2	3	4								
"X"...EXISTING "F"...FILLED "-"...DO NOT EXIST																