

Section A-A
Scale 2:1

NOTES:

1. MATERIAL:

- 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
- 1.2 CONTACT: COPPER ALLOY
- 1.3 SHELL: COPPER ALLOY

2. FINISH:

2.1 CONTACT:

- 50u" MIN. NICKEL UNDERPLATING OVERALL.
- 1:1~3u" GOLD ON CONTACT FOR LEAD FREE
- T:10u" GOLD ON CONTACT FOR LEAD FREE
- D:30u" GOLD ON CONTACT FOR LEAD FREE
- B:5u" GOLD ON CONTACT FOR LEAD FREE
- C:15u" GOLD ON CONTACT FOR LEAD FREE

2.2 SHELL:

- 50u" MIN. NICKEL UNDERPLATING OVERALL.
- 50~100u" MATT TIN PLATING ON SOLDER

3. SPEC. PLS. REFER TO PS-50398-XXXX

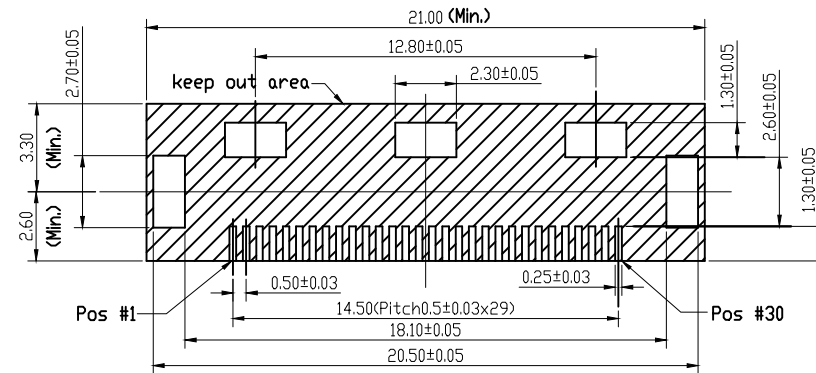
4. PACKAGE PLS. REFER TO 50406-XXXX-TRP/50406-XXXX-00-TRP 50406-XXXX-02-TRP

5. MATING CONNECTOR P/N:50407

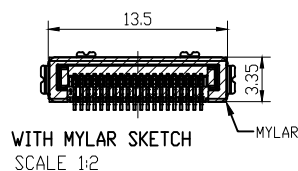
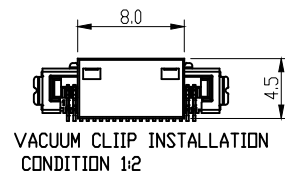
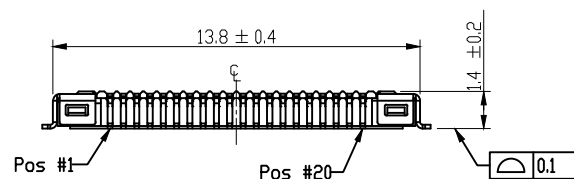
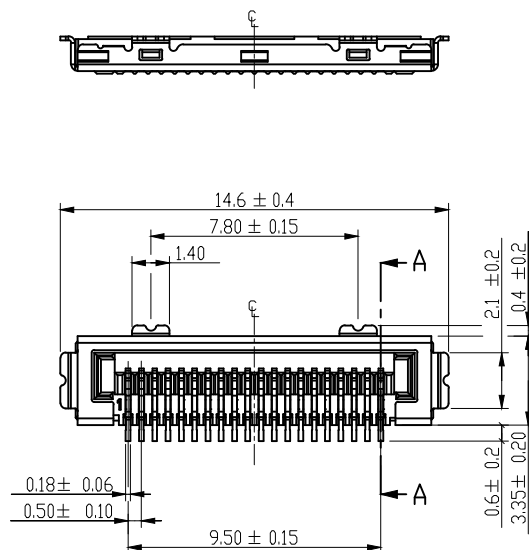
6. PART NUMBER

XXX	PACKING
001	50406-XXXX-00(WITH MYLAR)
W01	50406-XXXX-02(WITH COVER)
BW1	50406-XXXX-06(WITHOUT LOGO)

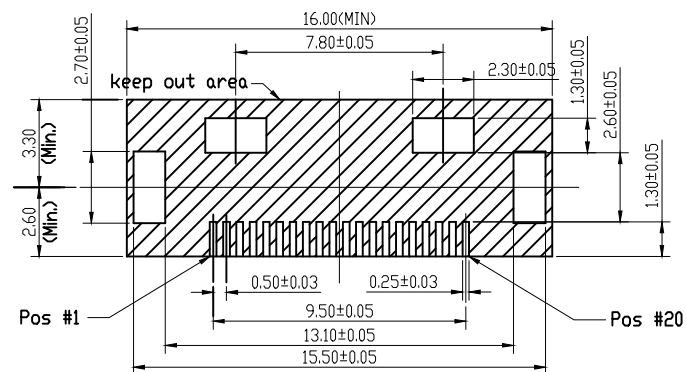
- 030.30Pin
- CONTACT PLATING
- 1:1~3u" GOLD ON CONTACT FOR LEAD FREE
- T:10u" GOLD ON CONTACT FOR LEAD FREE
- D:30u" GOLD ON CONTACT FOR LEAD FREE
- B:5u" GOLD ON CONTACT FOR LEAD FREE
- C:15u" GOLD ON CONTACT FOR LEAD FREE
- PACKING
- 1.TUBE
- 7.TAPE REEL WITH COVER
- 4.TAPE REEL WITH MYLAR



QUALITY SYMBOLS	DRAWN BY	DATE	ACES ELECTRONICS	
MAJOR	HUYANG	20/04/23		
CRITICAL	CHECKED BY	DATE	TITLE 0.5mm LVDS CONN.	
GENERAL TOLERANCES (UNLESS SPECIFIED)	BRAVE	20/04/23		
	APPROVED BY	DATE	DWG NO. 50406-XXXX-XXX	
	BRAVE	20/04/23		
	UNITS	mm	SIZE	Q
	SCALE	4:1	SHEET NO.	1 OF 4
	ANGLES	±2°	REV	Q
			PART NO.	SEE NOTES



Section A-A



NOTES:

- MATERIAL:
 - HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
 - CONTACT: COPPER ALLOY
 - SHELL: COPPER ALLOY
- FINISH:
 - CONTACT:
 - 50u" MIN. NICKEL UNDERPLATING OVERALL.
 - 1:1~3u" GOLD ON CONTACT FOR LEAD FREE
 - T:10u" GOLD ON CONTACT FOR LEAD FREE
 - D:30u" GOLD ON CONTACT FOR LEAD FREE
 - B:5u" GOLD ON CONTACT FOR LEAD FREE
 - C:15u" GOLD ON CONTACT FOR LEAD FREE
 - SHELL:
 - 50u" MIN. NICKEL UNDERPLATING OVERALL.
 - 50~100u" MATT TIN PLATING ON SOLDER
- SPEC. PLS. REFER TO PS-50398-XXXX
- PACKAGE PLS. REFER TO 50406-XXXX-TRP/50406-XXXX-02-TRP
50406-XXXX-04-TRP
- MATING CONNECTOR P/N:50407
- PART NUMBER

50406-XXX X X-XXX	XXX	PACKING
020.20Pin	001	50406-XXXXR
	W01	50406-XXXXR-02
	ATI	50406-XXXXR-04

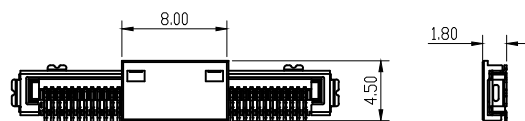
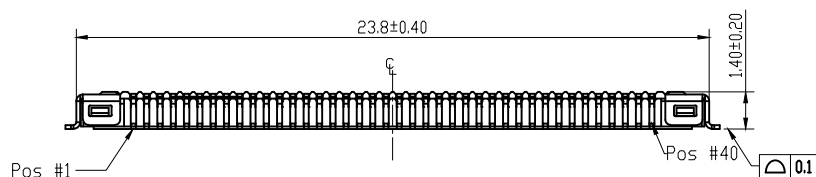
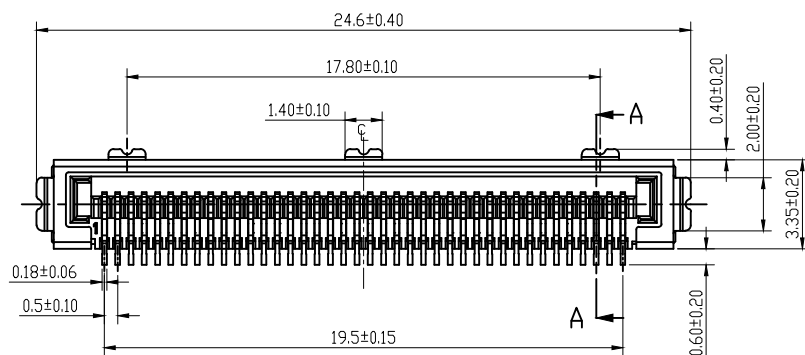
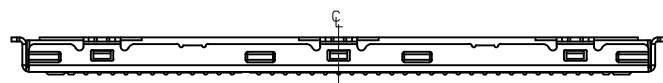
PACKING

- TAPE REEL
- TUBE
- TAPE REEL WITH COVER
- TAPE REEL WITH MYLAR

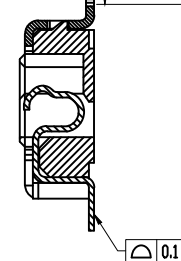
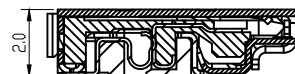
CONTACT PLATING

- 1:1~3u" GOLD ON CONTACT FOR LEAD FREE
- T:10u" GOLD ON CONTACT FOR LEAD FREE
- D:30u" GOLD ON CONTACT FOR LEAD FREE
- B:5u" GOLD ON CONTACT FOR LEAD FREE
- C:15u" GOLD ON CONTACT FOR LEAD FREE

QUALITY SYMBOLS	DRAWN BY	DATE	ACES ELECTRONICS	
MAJOR	HUYANG	20/04/23		
CRITICAL	CHECKED BY	DATE	TITLE	
GENERAL TOLERANCES (UNLESS SPECIFIED)	BRAVE	20/04/23		
	APPROVED BY	DATE	0.5mm LVDS CONN.	
	BRAVE	20/04/23		
X. ±0.5	UNITS	mm	SIZE	DWG NO.
X ±0.25			A4	50406-XXXXX-XXX
.XX ±0.15	SCALE	4 : 1	REV	PART NO.
.XXX ±0.1			Q	SEE NOTES
ANGLES ±2°	SHEET NO.	2 OF 4		



VACUUM CLIP INSTALLATION
CONDITION 1:2



SECTION B-B
SCALE 2:1

NOTES:

1. MATERIAL:

- 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
- 1.2 CONTACT: COPPER ALLOY
- 1.3 SHELL: COPPER ALLOY

2. FINISH:

2.1 CONTACT:

- 50u" MIN. NICKEL UNDERPLATING OVERALL.
- 1:1~3u" GOLD ON CONTACT FOR LEAD FREE
- T:10u" GOLD ON CONTACT FOR LEAD FREE
- D:30u" GOLD ON CONTACT FOR LEAD FREE
- B:5u" GOLD ON CONTACT FOR LEAD FREE
- C:15u" GOLD ON CONTACT FOR LEAD FREE

2.2 SHELL:

- 50u" MIN. NICKEL UNDERPLATING OVERALL.
- 50~100u" MATT TIN PLATING ON SOLDER

3. SPEC. PLS. REFER TO PS-50398-XXXX

4. PACKAGE PLS. REFER TO 50406-XXXX-TRP/50406-XXXX-02-TRP

5. MATING CONNECTOR P/N:50407

6. PART NUMBER

50406-XXX X X-XXX

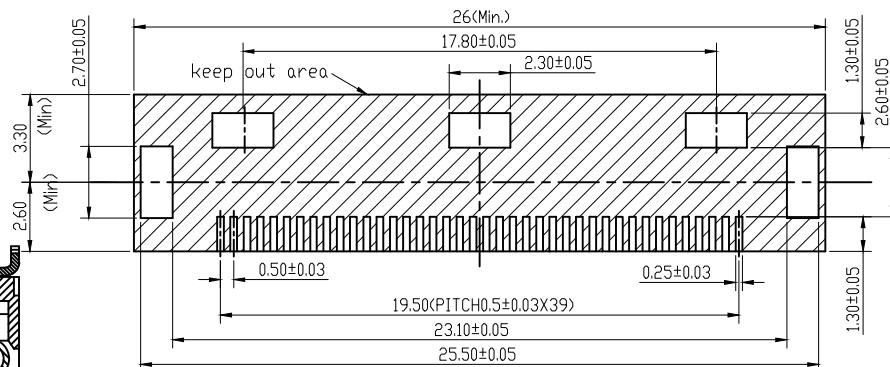
XXX	PACKING
001	50406-XXXXCR
W01	50406-XXXXCR-02

PACKING

- 1.TUBE
- 7.TAPE REEL WITH COVER
- 4.TAPE REEL WITH MYLAR
- 0.TAPE REEL

CONTACT PLATING

- 1:1~3u" GOLD ON CONTACT FOR LEAD FREE
- T:10u" GOLD ON CONTACT FOR LEAD FREE
- D:30u" GOLD ON CONTACT FOR LEAD FREE
- B:5u" GOLD ON CONTACT FOR LEAD FREE
- C:15u" GOLD ON CONTACT FOR LEAD FREE



QUALITY SYMBOLS	DRAWN BY	DATE	ACES ELECTRONICS	
MAJOR	HUYANG	20/04/23		
CRITICAL	CHECKED BY	DATE	TITLE 0.5mm LVDS CONN.	
GENERAL TOLERANCES (UNLESS SPECIFIED)	BRAVE	20/04/23		
	APPROVED BY	DATE	DWG. NO. 50406-XXXX-XXX	
	BRAVE	20/04/23		
	UNITS	mm	SIZE	Q
	SCALE	4:1	SHEET NO.	3 OF 4
	ANGLES	±2°	REV	Q
			PART NO.	SEE NOTES



NOTES:

1. MATERIAL:
 - 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
 - 1.2 CONTACT: COPPER ALLOY
 - 1.3 SHELL: COPPER ALLOY

2. FINISH:

2.1 CONTACT:

- 50u" MIN. NICKEL UNDERPLATING OVERALL.
- 1:1~3u" GOLD ON CONTACT FOR LEAD FREE
- T:10u" GOLD ON CONTACT FOR LEAD FREE
- D:30u" GOLD ON CONTACT FOR LEAD FREE
- B:5u" GOLD ON CONTACT FOR LEAD FREE
- C:15u" GOLD ON CONTACT FOR LEAD FREE

2.2 SHELL:

- 50u" MIN. NICKEL UNDERPLATING OVERALL.
- 50~100u" MATT TIN PLATING ON SOLDER

3. SPEC. PLS. REFER TO PS-50398-XXXXX

4. PACKAGE PLS. REFER TO 50406-XXXXX-TRP

5. MATING CONNECTOR P/N:50407

6. PART NUMBER

50406-XXX X X-XXX

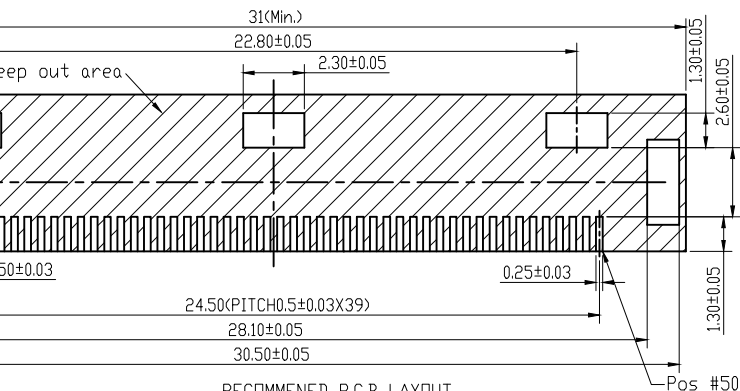
XXX	PACKING
001	50406-XXXXX-XXX

PACKING

- 1.TUBE
- 7.TAPE REEL WITH COVER
- 4.TAPE REEL WITH MYLAR
- 0.TAPE REEL





CONTACT PLATING

- 1:1~3u" GOLD ON CONTACT FOR LEAD FREE
- T:10u" GOLD ON CONTACT FOR LEAD FREE
- D:30u" GOLD ON CONTACT FOR LEAD FREE
- B:5u" GOLD ON CONTACT FOR LEAD FREE
- C:15u" GOLD ON CONTACT FOR LEAD FREE



RECOMMENDED P.C.B LAYOUT

SCALE 2:1

QUALITY SYMBOLS MAJOR  CRITICAL 	DRAWN BY HUYANG		DATE 20/04/23			
	CHECKED BY		DATE			
GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	BRAVE		20/04/23		TITLE 0.5mm LVDS CONN.	
	APPROVED BY		DATE			
	BRAVE		20/04/23			
UNITS mm				SIZE A4	DWG NO. 50406-XXXXX-XXX	
SCALE 4 : 1		SHEET NO. 4 OF 4		REV Q	PART NO. SEE NOTES	

SECTION A-A
SCALE 2:1

VACUUM CLIP INSTALLATION
CONDITION 1:2