

1. MATERIAL:
1.1 HOUSING: LCP, UL94V-0;
COLOR:BLACK.
1.2 CONTACT: COPPER ALLOY
1.3 UPPER SHELL:COPPER ALLOY
2. FINISH:
CONTACT:50~100u" NICKEL OVERALL.
1:3u" GOLD ON CONTACT AND SOLDER
T:10u" GOLD ON CONTACT AND SOLDER
C:15u" GOLD ON CONTACT AND SOLDER
B:5u" GOLD ON CONTACT AND SOLDER
D:30u" GOLD ON CONTACT AND SOLDER

3. REFLOW SOLDER CAPABLE TO 260°C
PER ACES SPEC.

4. SPEC. PLS. REFER TO PS-50398-xxxxx

5. PACKAGE PLS. REFER TO 50399-TB

6. PART NUMBER
50407-XXX X X-XXX

020.20Pin

PACKING
1.TURE

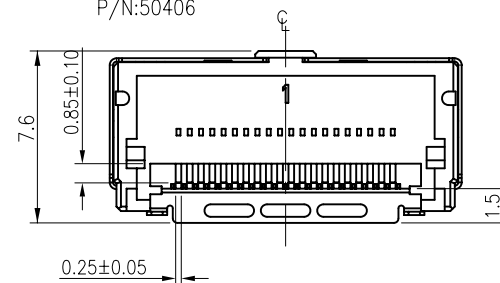
METAL SHELL PLATING
001:SOLDERABLE NICKEL OVER ALL.
002:TIN PLATDE OVER ALL.

CONTACT PLATING

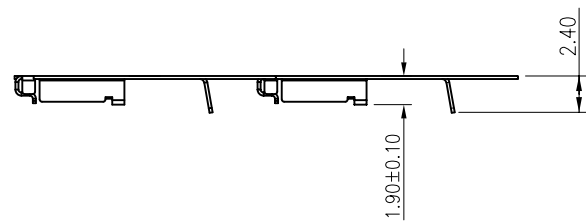
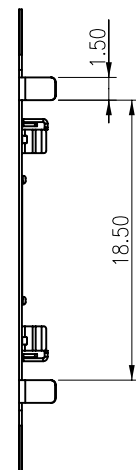
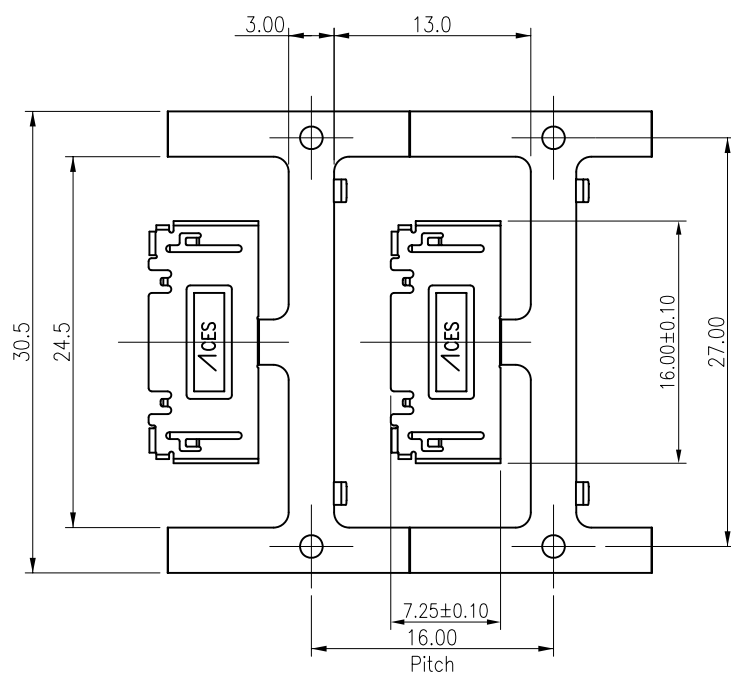
1:3u" GOLD ON CONTACT AND SOLDER
T:10u" GOLD ON CONTACT AND SOLDER
C:15u" GOLD ON CONTACT AND SOLDER
B:5u" GOLD ON CONTACT AND SOLDER
D:30u" GOLD ON CONTACT AND SOLDER

7.APPLICABLE CABLE
AWG#36~42 COAXIAL CABLE
AWG#32 DISCRETE WIRE
Insulation O.D:0.4mm Max.

8.MATING CONNECTOR
P/N:50406

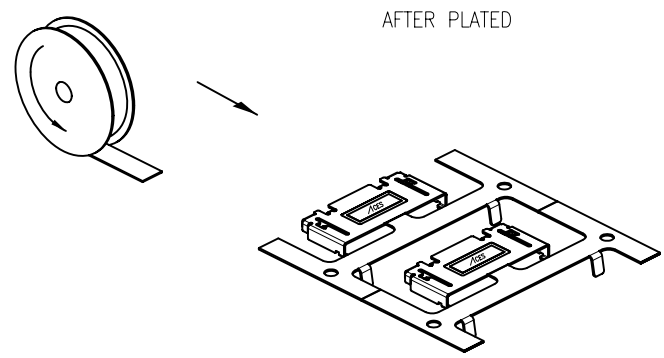



一般公差 TOLERANCES X. ±0.5 XX ±0.15 X ±0.25 XXX ±0.1 ANGLES ±2°		宏致電子股份有限公司 Aces Electronics Co.,Ltd.			
檢驗尺寸標示 SYMBOLS ① ② INDICATE CLASSIFICATION DIMENSION ③ MARK IS CRITICAL DIM. ④ MARK IS MAJOR DIM.		品名 (TITLE) 0.5 Pitch WTB LVDS CONN. Plug Type 圖號 (DWG NO.) 50407-XXXXX-XXX		製圖 (DR) 13'/06/19 XIUJIN 審核 (CHKD) JERRY 核准 (APPD) JASON	
表面處理 (FINISH)		比例 (SCALE) 3:1	單位 (UNITS) mm	張數 (SHEET) 1 OF 6	SIZE A4
				REV E	

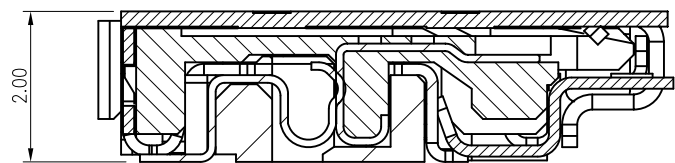


NOTES:
1. MATERIAL:SUS,THICKNESS 0.20±0.01mm
2. PLATING
ALL UNDERPLATED 50u"~100u" DUCTILE NICKEL
3. PART NUMBER

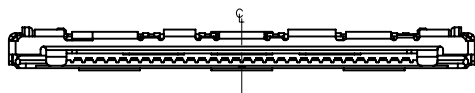
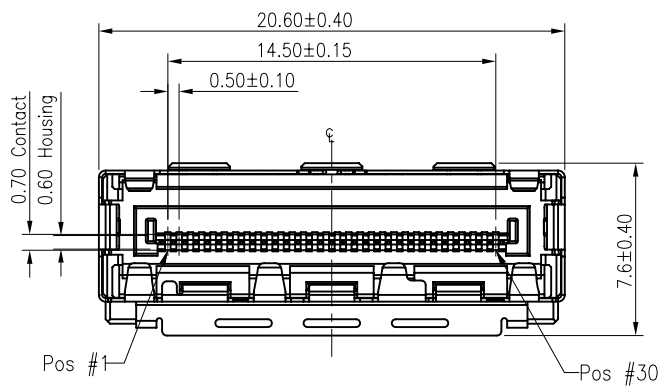
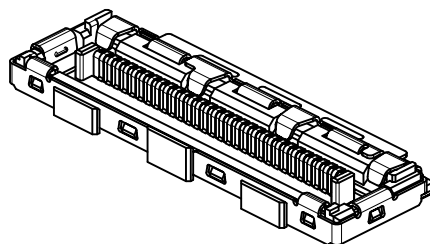
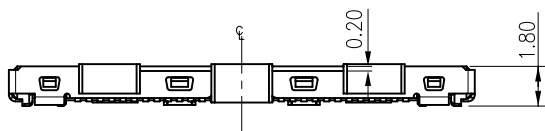
50412-M X X X-020
8:NONE
A:LOGO(ACES) PLATED
MATERIAL V.SOLDERABLE NICKEL
5.SUS304 L.PURE TIN 30~80u"



一般公差 TOLERANCES X. ±0.5 XX ±0.15 .X ±0.25 .XXX ±0.1 ANGLES ±2°		宏致電子股份有限公司 Aces Electronics Co.,Ltd.					
檢驗尺寸標示 SYMBOLS ② ③ INDICATE CLASSIFICATION DIMENSION ② MARK IS CRITICAL DIM. ③ MARK IS MAJOR DIM.	品名 (TITLE) 0.5Pitch WTB LVDS CONN. LOWER SHELL		製圖 (DR) 13'/06/19 XIUJIN				
	圖號 (DWG NO.) 50412-MXXX-XXX		審核 (CHKD) JERRY				
	表面處理 (FINISH) _____		比例 (SCALE) 2:1	單位 (UNITS) mm		張數 (SHEET) 2 OF 6	
					核准 (APPD) JASON	SIZE A4	REV E



Mating condition section (Scale 30:1)



NOTES:

1. MATERIAL:

- 1.1 HOUSING: LCP, UL94V-0;
COLOR:BLACK.
- 1.2 CONTACT: COPPER ALLOY
- 1.3 UPPER SHELL: COPPER ALLOY

2. FINISH:

- CONTACT: 50~100u" NICKEL OVERALL.
- 1: 3u" GOLD ON CONTACT FOR LEAD FREE
- T: 10u" GOLD ON CONTACT FOR LEAD FREE
- C: 15u" GOLD ON CONTACT FOR LEAD FREE
- B: 5u" GOLD ON CONTACT FOR LEAD FREE

3. REFLOW SOLDER CAPABLE TO 260°C PER ACES SPEC.

4. SPEC. PLS. REFER TO PS-50398-xxxxx

5. PACKAGE PLS. REFER TO 50399-TB

6. PART NUMBER

50407-XXX X X-XXX

030.30Pin

PACKING

- 1. TURE
- 2. TRAY

METAL SHELL PLATING
001: SOLDERABLE NICKEL OVER ALL.
002: TIN PLATDE OVER ALL.

CONTACT PLATING

- 1: 3u" GOLD ON CONTACT FOR LEAD FREE
- T: 10u" GOLD ON CONTACT FOR LEAD FREE
- C: 15u" GOLD ON CONTACT FOR LEAD FREE
- B: 5u" GOLD ON CONTACT AND SOLDER

7. APPLICABLE CABLE

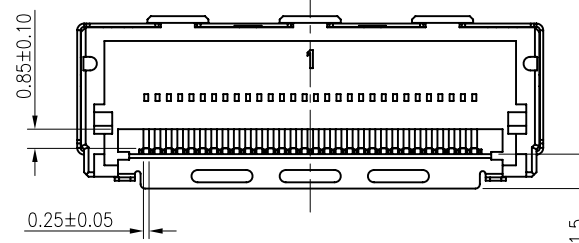
AWG#36~42 COAXIAL CABLE

AWG#32 DISCRETE WIRE

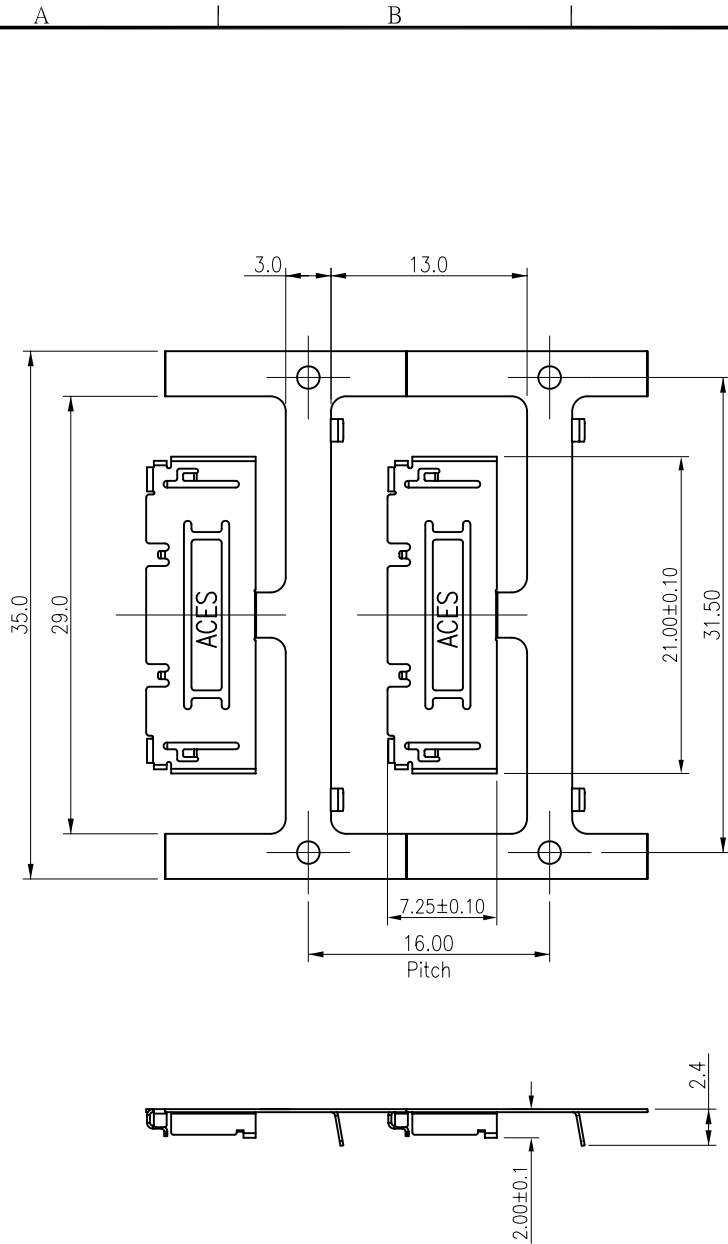
Insulation O.D: 0.4mm Max.

8. MATING CONNECTOR

P/N: 50406

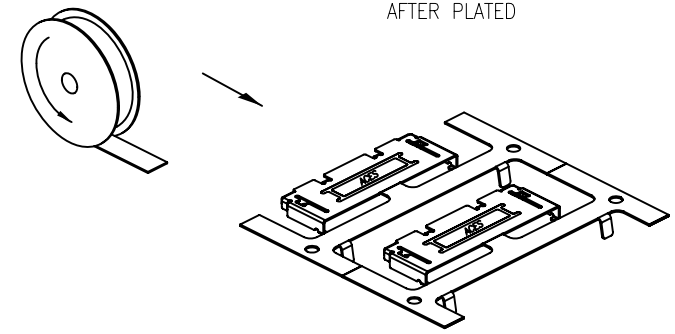


一般公差 TOLERANCES X. ±0.5 XX ±0.15 X ±0.25 .XXX ±0.1 ANGLES ±2°		宏致電子股份有限公司 Aces Electronics Co., Ltd.			
檢驗尺寸標示 SYMBOLS ① ② INDICATE CLASSIFICATION DIMENSION		品名 (TITLE) 0.5 Pitch WTB LVDS CONN. Plug Type		製圖 (DR) 13'/06/19	XIUJIN
① MARK IS CRITICAL DIM. ② MARK IS MAJOR DIM.		圖號 (DWG NO.) 50407-XXXXX-XXX		審核 (CHKD) JERRY	
表面處理 (FINISH)		比例 (SCALE) 3:1	單位 (UNITS) mm	核准 (APPD) JASON	
				張數 (SHEET) 3 OF 6	SIZE A4
					REV E

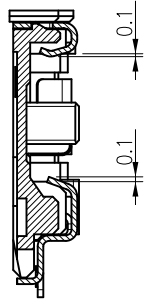


- NOTES:
1. MATERIAL:SUS,THICKNESS 0.20±0.01mm
 2. PLATING
V: ALL UNDERPLATED 50u"~100u" DUCTILE NICKEL
L:ALL UNDERPLATED 50u"~100u" DUCTILE NICKEL
30u"~80u" PURE TIN PLATDE
 3. PART NUMBER

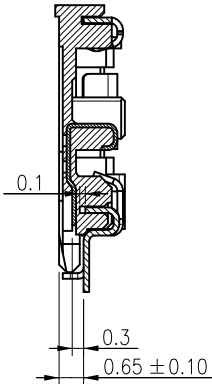
50407-M X X X -030
8:NONE
A:LOGE(ACES)
MATERIAL
5.SUS304
PLATED
V.SOLDERABLE NICKEL
L.PURE TIN 30~80u"



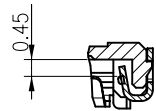
一般公差 TOLERANCES X. ±0.5 XX ±0.15 X ±0.25 .XXX ±0.1 ANGLES ±2°		宏致電子股份有限公司 Aces Electronics Co.,Ltd.			
檢驗尺寸標示 SYMBOLS ② ③ INDICATE CLASSIFICATION DIMENSION ② MARK IS CRITICAL DIM. ③ MARK IS MAJOR DIM.		品名 (TITLE) 0.5Pitch WTB LVDS CONN. LOWER SHELL 圖號 (DWG NO.) 50407-MXXX-XXX		製圖 (DR) 13'/06/19 XIUJIN 審核 (CHKD) JERRY 核准 (APPD) JASON	
表面處理 (FINISH) _____		比例 (SCALE) 2:1	單位 (UNITS) mm	張數 (SHEET) 4 OF 6	SIZE A4 REV E



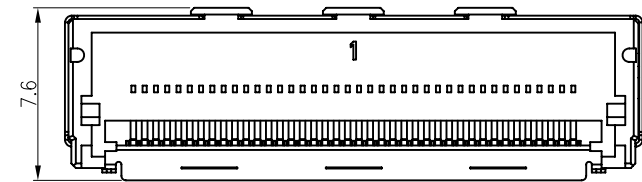
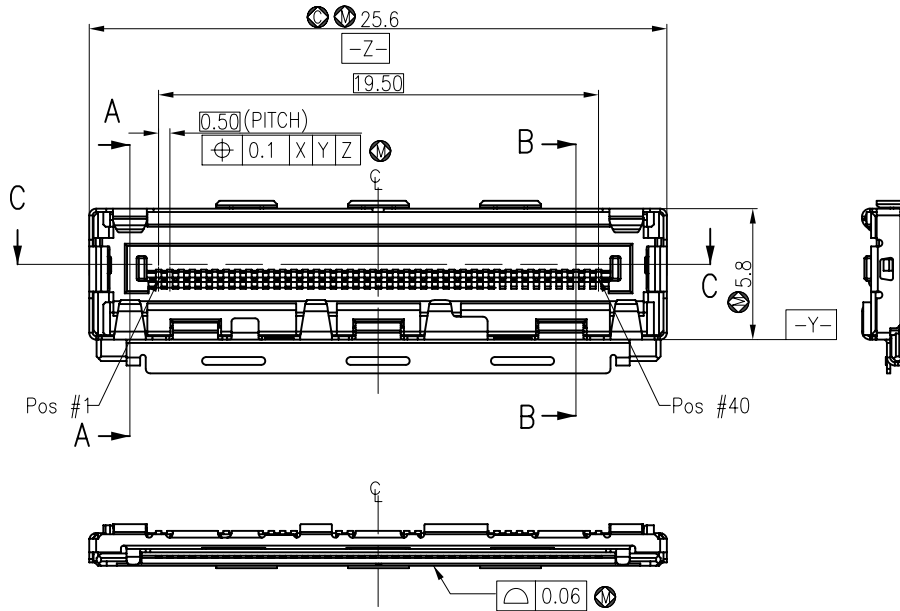
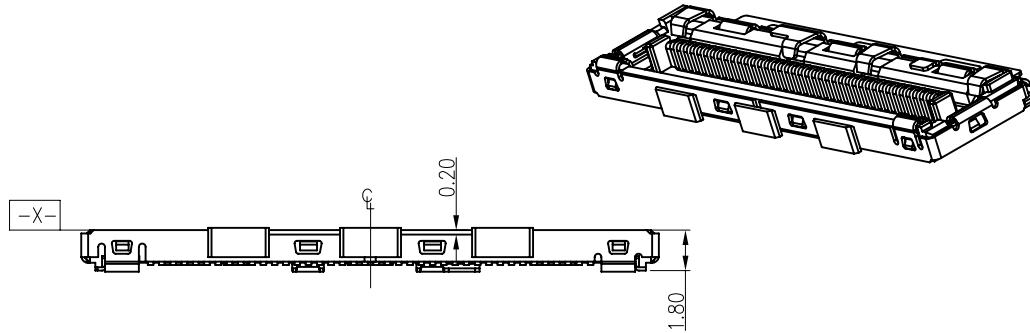
Section A-A
Scale 5:1



Section B-B
Scale 5:1



Section C-C
Scale 5:1

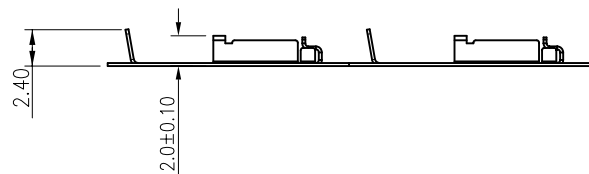
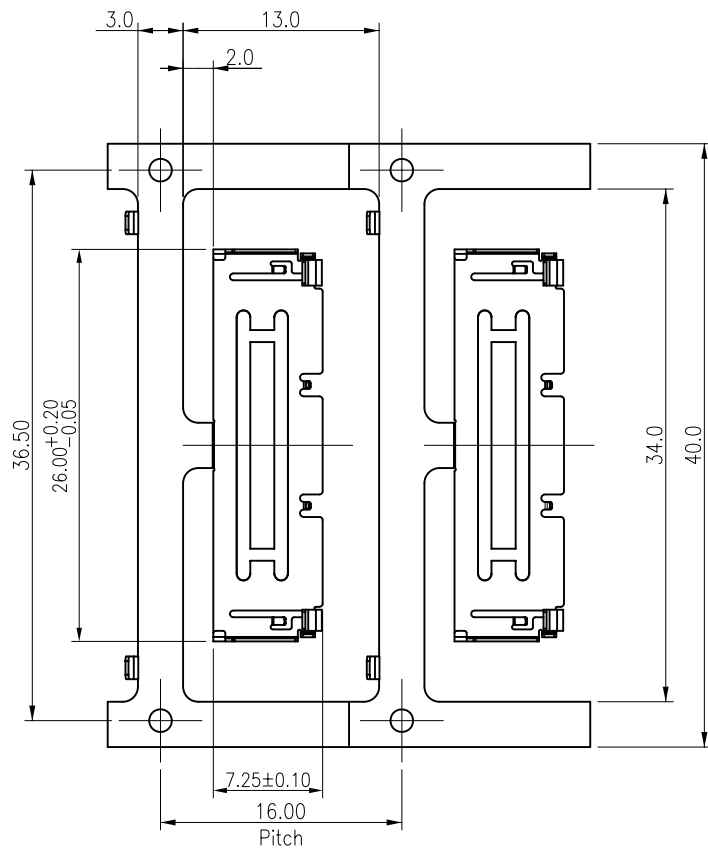


- NOTES:
- MATERIAL:
 - HOUSING: LCP, UL94V-0; COLOR:BLACK.
 - CONTACT: COPPER ALLOY
 - UPPER SHELL:COPPER ALLOY
 - FINISH:
 - CONTACT:50~100u" NICKEL OVERALL.
 - 1:3u" GOLD ON CONTACT AND SOLDER
 - T:10u" GOLD ON CONTACT AND SOLDER
 - C:15u" GOLD ON CONTACT AND SOLDER
 - B:5u" GOLD ON CONTACT AND SOLDER
 - REFLOW SOLDER CAPABLE TO 260°C PER ACES SPEC.
 - SPEC. PLS. REFER TO PS-50398-xxxxx
 - PACKAGE PLS. REFER TO 50399-TB
 - PART NUMBER
50407-XXX X X-XXX
- 040.40Pin
- PACKING
- 1.TURE
- METAL SHELL PLATING
001:SOLDERABLE NICKEL OVER ALL.
002:TIN PLATDE OVER ALL.
- CONTACT PLATING
1:3u" GOLD ON CONTACT AND SOLDER
T:10u" GOLD ON CONTACT AND SOLDER
C:15u" GOLD ON CONTACT AND SOLDER
B:5u" GOLD ON CONTACT AND SOLDER

- 7.APPLICABLE CABLE
AWG#36~42 COAXIAL CABLE
AWG#32 DISCRETE WIRE
Insulation O.D:0.4mm Max.
- 8.MATING CONNECTOR
P/N:50406

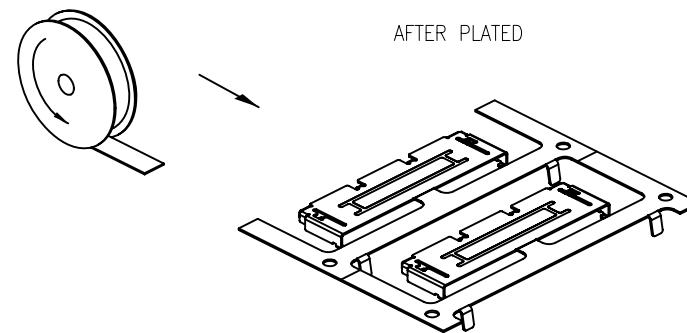
4	50399-TB	Tube	xx
3	50399-M7xx	Upper Shell	1
2	50399-Txxx-xxx	Terminal	1 set
1	50407-040Pxxx-x	Housing	1
No.	Part No.	Part Name	Quantity


一般公差 TOLERANCES X. ±0.5 XX ±0.15 X ±0.25 XXX ±0.1 ANGLES ±2°		宏致電子股份有限公司 Aces Electronics Co.,Ltd.	
檢驗尺寸標示 SYMBOLS ② ③ INDICATE CLASSIFICATION DIMENSION ② MARK IS CRITICAL DIM. ③ MARK IS MAJOR DIM.	品名 (TITLE) 0.5 Pitch WTB LVDS CONN. Plug Type 圖號 (DWG NO.) 50407-XXXXXX-XXX	製圖 (DR) 13'/06/19 XIUJIN	審核 (CHKD) JERRY
		核准 (APPD) JASON	張數 (SHEET) 5 OF 6
表面處理 (FINISH)	比例 (SCALE) 3:1	單位 (UNITS) mm	SIZE A4



- NOTES:
1. MATERIAL:SUS,THICKNESS 0.20±0.01mm
2. PLATING
V:ALL UNDERPLATED 50u"~100u" DUCTILE NICKEL
L:ALL UNDERPLATED 50u"~100u" DUCTILE NICKEL
30u"~80u" PURE TIN PLATDE
3. PART NUMBER

50399-M 8 X X -040
MATERIAL 5.SUS304
PLATED V.SOLDERABLE NICKEL
L:30~80u" PURE TIN PLATDE .



一般公差 TOLERANCES X. ±0.5 XX ±0.15 X ±0.25 XXX ±0.1 ANGLES ±2°		宏致電子股份有限公司 Aces Electronics Co.,Ltd.					
檢驗尺寸標示 SYMBOLS ② ④ INDICATE CLASSIFICATION DIMENSION ② MARK IS CRITICAL DIM. ④ MARK IS MAJOR DIM.	品名 (TITLE) 0.5Pitch WTB LVDS CONN. LOWER SHELL		製圖 (DR) 13'/06/19 XIUJIN				
	圖號 (DWG NO.) 50399-MXXX-XXX		審核 (CHKD)	JERRY			
			核准 (APPD)	JASON			
表面處理 (FINISH) _____		比例 (SCALE) 2:1	單位 (UNITS) mm		張數 (SHEET) 6 OF 6	SIZE A4	REV