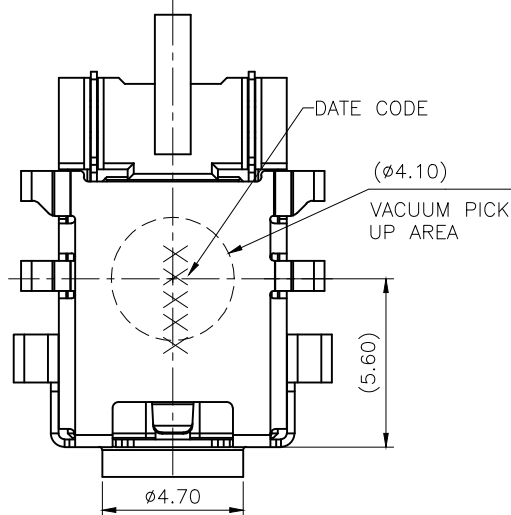
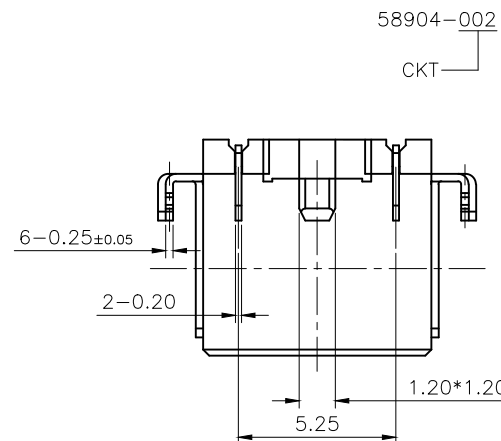
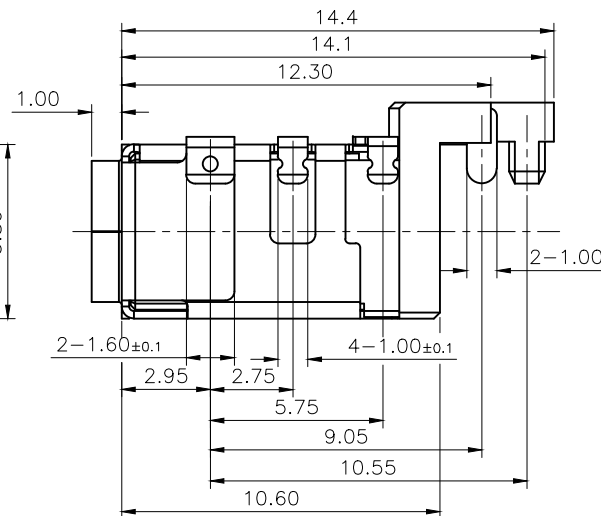
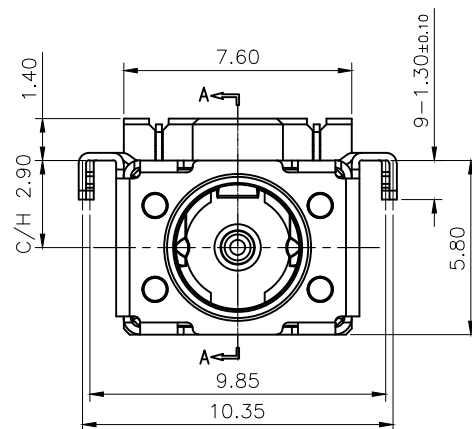


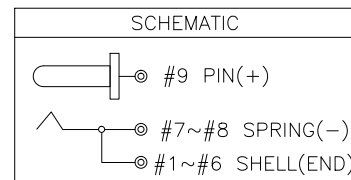
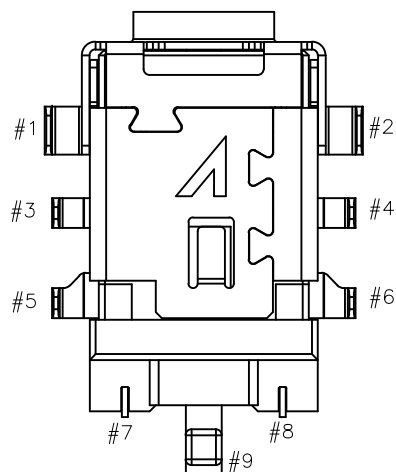
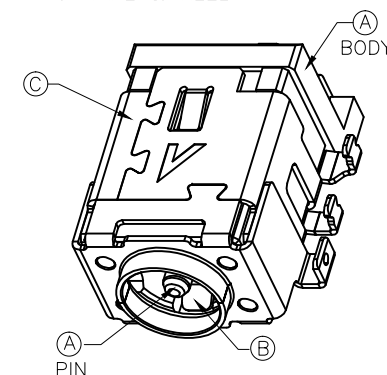
SECTION A-A

NOTES:

1. MATERIAL:
SEE TABLE
PLATING:
TERMINAL: GOLD PLATED ON CONTACT AREA, AND
MATTE-TIN 60~150u" ON SOLDER AREA
SHELL: NICKEL PLATED 60u"MIN.
2. THE CAVITY, LOGO MAX HEIGHT 0.10mm ABOVE SURFACE.
THE TEXT HEIGHT IS ABOUT 1mm.
3. IF ANY DIMENSIONS OR DRAFT ANGLES WEREN'T MARKED,
PLS. REFER TO 3D DRAWING
4. ELECTRICAL CHARACTERISTICS:
4.1 RATING: 20V 5A
4.2 CONTACT RESISTANCE: INITIAL 10mΩ MAX; AFTER 15mΩ MAX
4.3 DIELECTRIC WITHSTANDING VOTAGE: 500V AC FOR ONE MINUTE
4.4 INSULATION RESISTANCE: 100MΩ MIN.MEASURED BY 500 VDC
5. MECHANICAL CHARACTERISTICS:
5.1 INSERTION FORCE: 0.8~2.0kg.(INITIAL & AFTER LIFE TEST)
5.2 WITHDRAWAL FORCE: 0.8~2.0kg.(INITIAL & AFTER LIFE TEST)
6. LIFE TEST: 8,000 CYCLES MIN
7. SPEC. PLS. REFER TO SPEC-58901-XXXX-XXX
8. PACKAGE PLS. REFER TO 58904-002XX-XXX-PCK
9. PART NUMBER

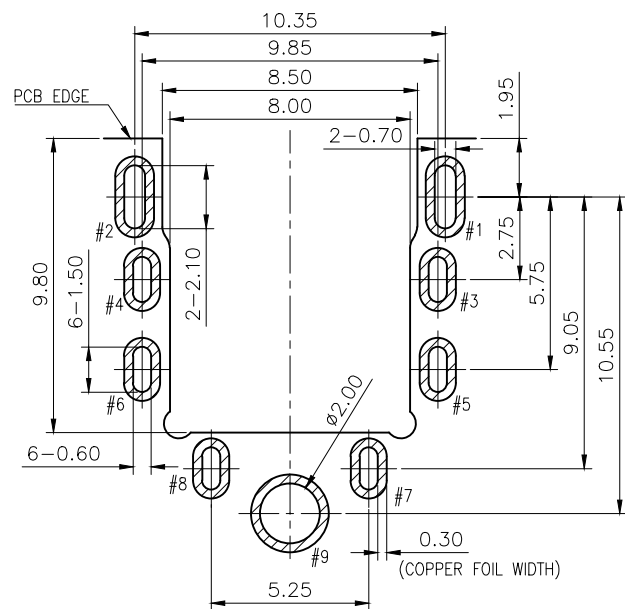


58904-002 0 2 -001
CKT NONE: 001
PLATING:
2: GOLD FLASH
PACKING:
0: TAPE & REEL

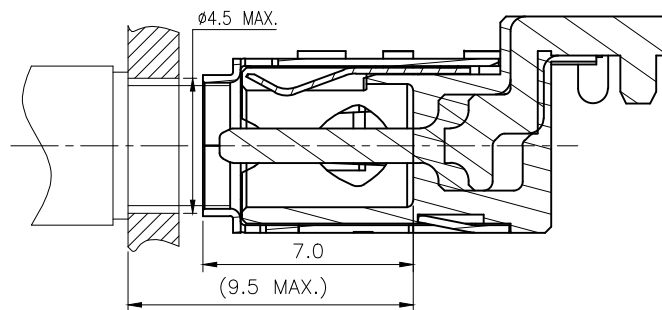


C	SHELL	1	SUS304-1/2H, 0.25T	NICKEL PLATED
B	SIGNAL	1	C5210-EH, 0.2T	TIN PLATED
A	INSERT MOLDING	1	PIN:C2680-H, 1.2T	GOLD FLASH
		1	BODY:PA4T+30%GF UL94V-0	BLACK
NO	DESCRIPTION	Q'TY	MATERIAL	PLATING & COLOR

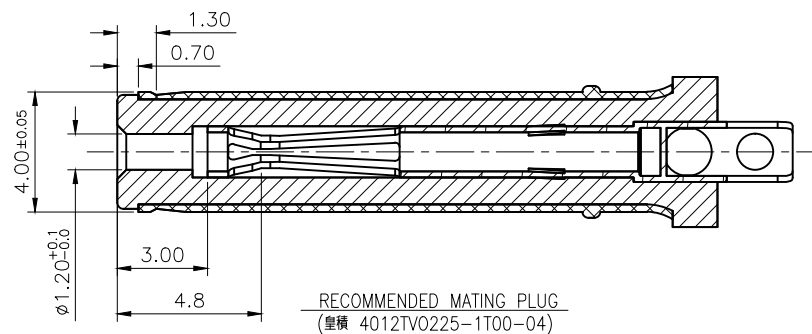
一般公差 TOLERANCES X ±0.5 XX ±0.15 X ±0.25 XXX ±0.1 ANGLES ±2°		宏致電子股份有限公司 Aces Electronics Co.,Ltd.	
檢驗尺寸標示 SYMBOLS ④ ⑤ INDICATE CLASSIFICATION DIMENSION		品名 (TITLE) 4Ø DC POWER JACK (CH=-2.9mm)	製圖 (DR) '15/07/15 MARK-C
⑥ MARK IS CRITICAL DIM. ⑦ MARK IS MAJOR DIM.		圖號 (DWG NO.) 58904-00202-001	審核 (CHKD) BRUCE
表面處理 (FINISH)		比例 (SCALE) 4:1	核准 (APPD) JACK
單位 (UNITS) mm		張數 (SHEET) 1 OF 3	SIZE A4
		REV A	



RECOMMENDED PCB LAYOUT (TOP VIEW)
(TOLERANCE=±0.05mm ; THICKNESS=1.0mm)



REFERENCE MATING DRAWING

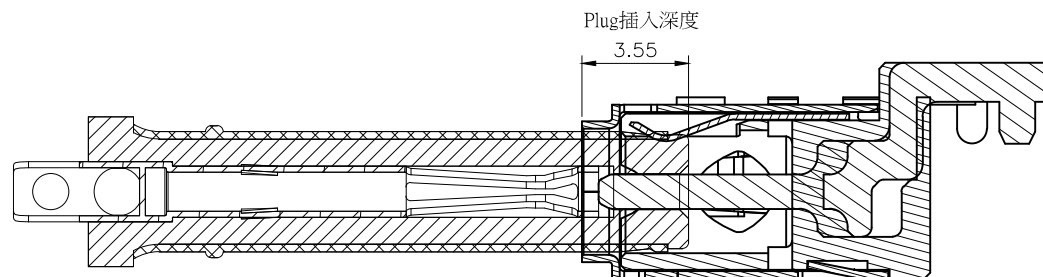


RECOMMENDED MATING PLUG
(皇横 4012TV0225-1T00-04)

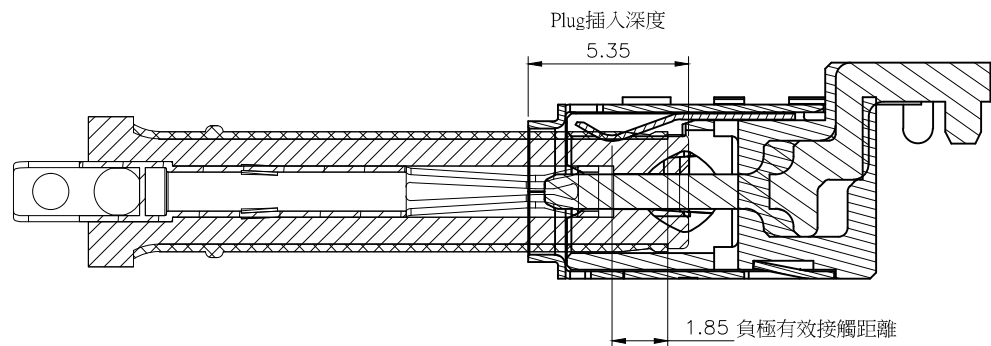
一般公差 TOLERANCES X ±0.5 XX ±0.15 X ±0.25 XXX ±0.1 ANGLES ±1°		宏致電子股份有限公司 Aces Electronics Co.,Ltd.	
檢驗尺寸標示 SYMBOLS ④ ⑤ INDICATE CLASSIFICATION DIMENSION ④ MARK IS CRITICAL DIM. ⑤ MARK IS MAJOR DIM.	品名 (TITLE) 4Ø DC POWER JACK (CH=-2.9mm)		製圖 (DR) '15/07/15 MARK-C
	圖號 (DWG NO.) 58904-00202-001		審核 (CHKD) BRUCE
表面處理 (FINISH)	比例 (SCALE) 4:1	單位 (UNITS) mm	核准 (APPD) JACK
		張數 (SHEET) 2 OF 3	SIZE A4
			REV A



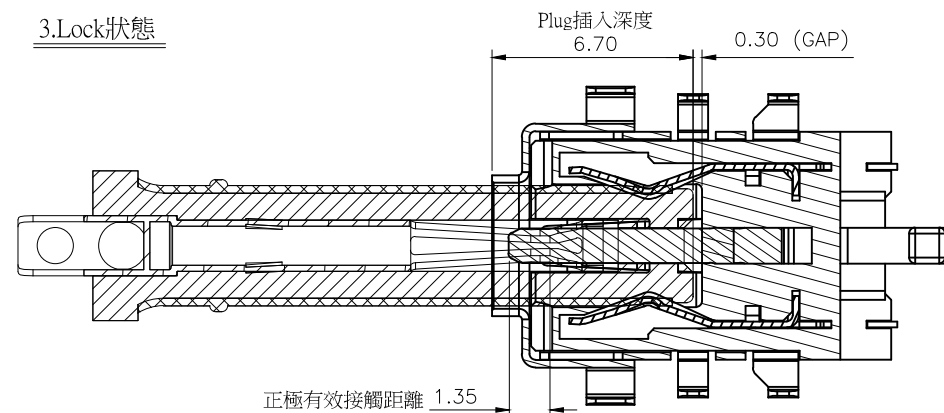
1.負極接觸狀態



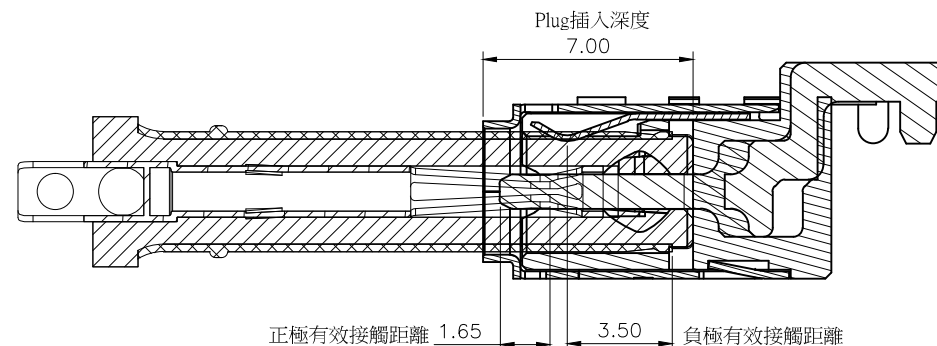
2.正極接觸狀態



3.Lock狀態



4.Plug插到底狀態



一般公差 TOLERANCES X. ±0.5 XX ±0.15 X. ±0.25 .XXX ±0.1 ANGLES ±1°		宏致電子股份有限公司 Aces Electronics Co.,Ltd.	
檢驗尺寸標示 SYMBOLS ④ ⑤ INDICATE CLASSIFICATION DIMENSION ④ MARK IS CRITICAL DIM. ⑤ MARK IS MAJOR DIM.	品名 (TITLE) 4Ø DC POWER JACK (CH=-2.9mm)		製圖 (DR) '15/07/15 MARK-C
	圖號 (DWG NO.) 58904-00202-001		審核 (CHKD) BRUCE
表面處理 (FINISH) _____	比例 (SCALE) 4:1	單位 (UNITS) mm	核准 (APPD) JACK
		張數 (SHEET) 3 OF 3	SIZE A4
		REV A	