



Material:  
 Insulator: Glass filled Polyester UL 94V-0  
 Contact: Copper alloy  
 Shell: Steel, Tin plated as standard  
 High power Contact:  
 Brass with Gold plated  
 #4-40 UNC TYP.2

### Ordering Code

C7W2 P P H 3 2 1 40 I10  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Connector Type: P= Plug
- ③ Contact type: P= High Power Contact
- ④ Contact tail style: H= Right Angle Dip type
- ⑤ High power contact plating:  
 2= Gold flash plated over Nickel  
 3= 15μ" Gold plated over Nickel  
 4= 30μ" Gold plated over Nickel  
 5= 50μ" Gold plated over Nickel
- ⑥ Signal contact plating:  
 2= Gold flash plated over Nickel  
 3= 15μ" Gold plated over Nickel  
 4= 30μ" Gold plated over Nickel
- ⑦ Insulator color: 1= Black, 6= Green
- ⑧ Performance: 40= 40A
- ⑨ Mounting Style:  
 000= With ø3.05mm holes on shell  
 B00= Riveted #4-40 UNC open nuts on front shell  
 C00= Riveted #4-40 UNC open nuts on rear shell  
 I00= Riveted #4-40 UNC ground tabs with ø3.2mm holes  
 I10= Riveted #4-40 UNC ground tabs with board locks(standard)

Recommended P.C Board Layout

4.0	.157	ø 3.75 ± 0.05	.148 ± .002	TYP.
8.06	.317	10.8	.425	
2.84	.112	33.32 ± 0.1		
6.86 ± 0.1	.270 ± .004	1.312 ± .004	6.86 ± 0.1	.270 ± .004
2.77 ± 0.05	.109 ± .002	TYP.		
ø 4.06 ± 0.05	.160 ± .002	TYP.	ø 1.02 ± 0.05	.040 ± .002
ø 3.05 ± 0.10	.120 ± .004	TYP.2	ø 1.20 ± 0.04	
3.95 ± 0.05	.156 ± .002			

Mounting Style		Lead Free Process		RoHS Compliant	
Code	000	Code	B00	Code	C00
	DIM. L= 4.0mm		DIM. L= 4.0mm		øA=3.2mm

④				DATE	UNIT: mm / inch	TITLE: C7W2 40A HIGH POWER MALE D-SUB CONNECTOR (RIGHT ANGLE TYPE)	瀚荃股份有限公司 CviLux Corporation
③	Karen	3/20-17'	ECNT117049/ECRT117003	DRAWN BY: Karen	3/20-17'	TOLERANCE UNLESS OTHERWISE SPECIFIED	
②	Jim	10/13/06'	ECR06094-0/ECN06369	ENGINEER: Sun	3/20-17'	.X ± 0.30/.012 X: ± 1'	
①	SUN	3/24/05'	ECR05025-0/ECN05095	CHECKED BY: Eisley	3/22-17'	.XX ± 0.20/.008 .X: ±	
SYM	NAME	DATE	REVISIONS	APPROVED BY: Eisley	3/22-17'	.XXX ± 0.10/.004 .XX: ±	

**CVILUX CORP**  
**2017.03.23**  
**ISSUED**

DRAWING NO.	C7W213SE	PART NO.	C7W2PPH***40***
SCALE	2 / 1	SHEET	1 OF 1