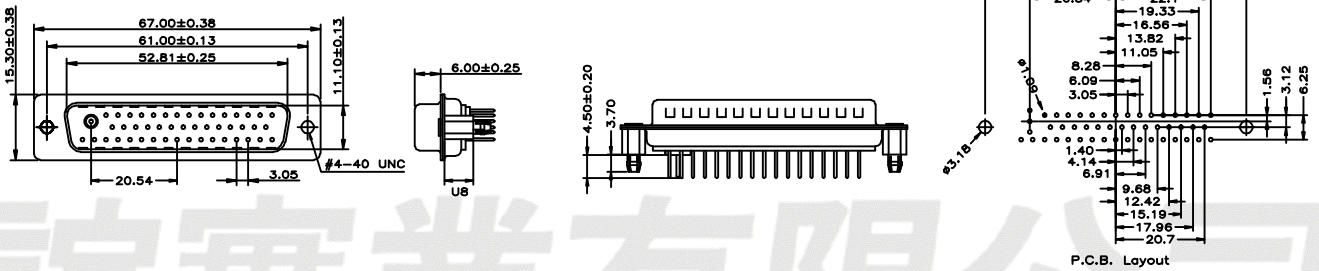
Table 1 Material	
Coaxial Contact	Brass
Power Contact	Brass
Signal Contact	Brass
Metal Shell	Steel/Dimples on Plug only
Insulator	UL94V-0 Thermoplastic 30% glass filled
Coaxial Center Insulator	Teflon
Metal Bracket	Steel
Boardlock	Brass
Screw	Brass

Table 2 Finish	
Coaxial Contact	Gold-plated
Power Contact	Gold-plated
Signal Contact	Gold-plated
Metal Shell	Tin or nickel plated
Screw	Nickel plated
Metal Bracket	Nickel plated
Boardlock	Nickel plated

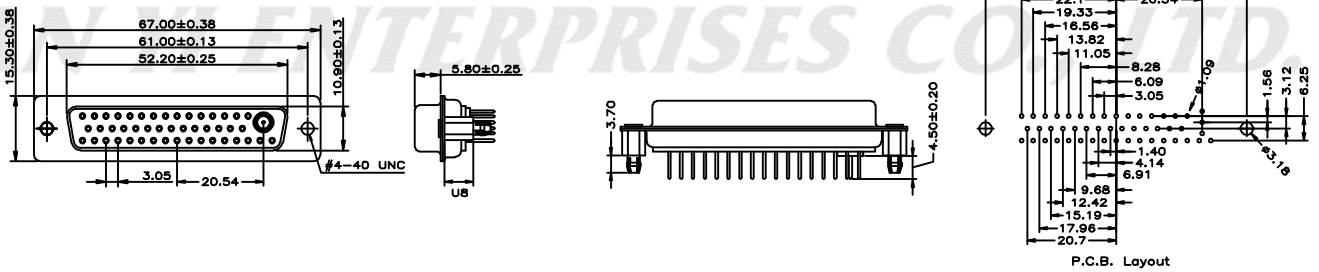
Table 3 Electrical Data	
Current Rating	
Signal Contact	5 Amp
Power Contact	10 – 40 Amp
Operating Temperature	−55°C – +125°C
Insulator Resistance	Minimum 5000 MΩ
Contact Resistance	Maximum 10mΩ
Dielectric w/standing Volt	1000 V AC per min
Coaxial contact impedance	75Ω

Table 4 Boardlock Rivet Dimension (mm)					
U8	5.70 0.224	6.00 0.236	6.50 0.256	7.50 0.295	8.00 0.315

Plug (CX-D-75-47W1P000U8)



Socket (CX-D-75-47W1S000U8)



銓誼實業有限公司 CHUAN YI ENTERPRISES CO., LTD.

REV	DESCRIPTION	DRWN	DATE

UNIT *mm(inch)*

DO NOT SCALE DRAWING

GENERAL DIMENSION TOLERANCE
DECIMALS ± 0.3
ANGLES ± 2°
UNLESS OTHERWISE SPECIFIED TOLERANCE

DATA		
	MATERIAL	TABLE 1
	FINISH	TABLE 2
	Data	TABLE 3

銓誼實業有限公司
CHUAN YI ENTERPRISES CO., LTD.

3RD ANGLE	SCALE	DSGD	DRWN	CHKD	APPD	DATE
	1:1	EARNI	GRACE	EARNI	TIM	09.18. 2007.

TITLE
D-SUB COAXIAL SERIES
47W1 Straight Dip Type

REVISION STATUS OF SHEETS	
ISSUE	SHEETS
1	1/1

RoHS Compliant

CX-D-75-47W1PS000U8