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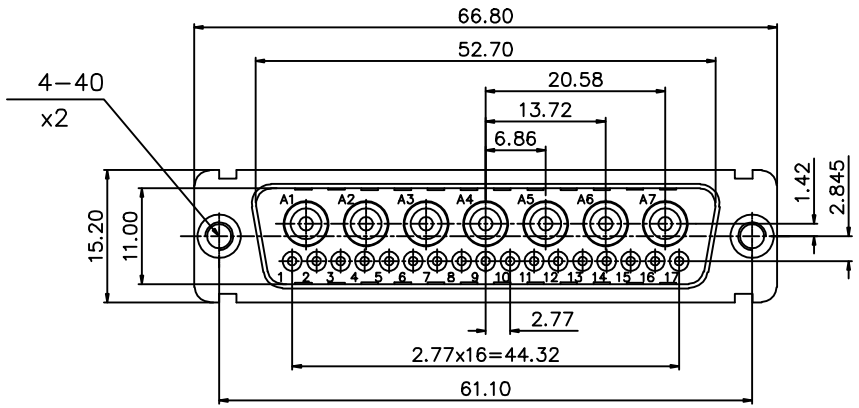
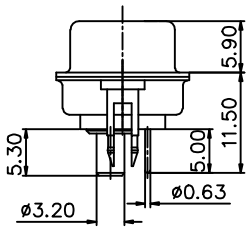
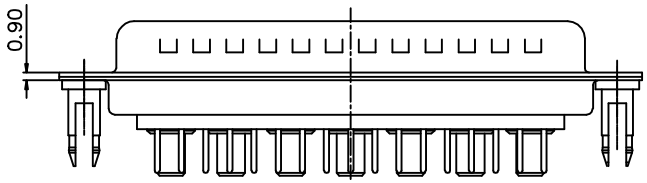
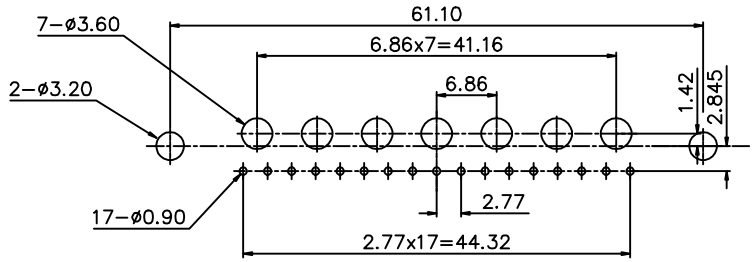
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK#	Release new drawing	2/17/12	IP









RECOMMENDED P.C.B LAYOUT

(TOLERANCE +/–0.03)

D–SUB TECHNICAL DATA

SHELL:	Steel 2.5um(100u") min tin over 1.25um(50u") min nickel
BODY:	Glass filled thermoplastic. Flame retarding to UL94 V–0 Color Black
CONTACTS:	Signal contacts: Brass, 0.4um(15u") min gold over 1.25um(50u") min nickel Front power contact: Brass, 0.4um(15u") gold over 1.25um(50u") nickel Rear power contact: Brass, 100u" tin over 50u" nickel
SCREWLOCK:	Brass, 2.5um(100u") min tin over 1.25um(50u") min nickel
ELECTRICAL:	Voltage rating: Signal and power contacts: 300 V RMS at 50 Hz Current rating Signal contacts 7.5A. power contacts 20A to 40A. Withstanding Voltage >1000 V RMS at 50 Hz for one minute Insulation resistance >5000 M Ohms Contact resistance 20 mOhms max.
CLIMATIC:	Temperature range –55 °C up to 155°C Damp heat 56 days(40 °C–95% HR)
MARKING:	Amphenol–...(Series No.) Manufacturing date Commercial reference

PRODUCT CODE

L 717TW D 24W7 P P3SY RM54

- L:RoHS Compliance
- 717TW: tin plated shell with dimples
- Shell Size :D
- Configuration: 24W7
- Contact type: S:Female P: Male
- straight contact combinations:power 3.2mm DIA.(20 to 40A) and signal
- RM54:RM5 4–40 Threaded

UNLESS OTHERWISE SPECIFIED TOLERANCES	U.S.	METRIC
.X +/–		0.50
.XX +/–		0.30
.XXX +/–		0.20
FRACTIONS +/–		
ANGLES +/–		5°

FOR MATERIALS AND FINISHES SEE NOTES

REMOVE SHARP EDGES

DIMENSIONS U.S. / METRIC: INCHES / MM

APPROVAL		DATE
DRAWN	Xs.guo	2/17/12
CHECKED	Tony	2/17/12
CHECKED		

DRAWING FILE : drawing\Dwg\C717TWD24W7PP3SYrm54

ANGLE OF PROJECTION

Amphenol

TITLE: Hybrid connector, TW series

SIZE	DRAWING NO.	REV.
A4	C L717TWD24W7PP3SYRM54	1

SCALE NONE SHEET 1 OF 1