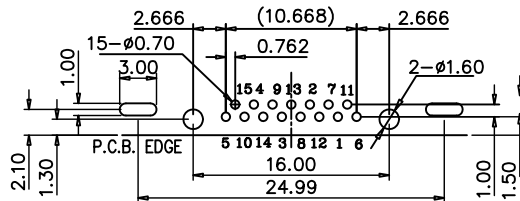
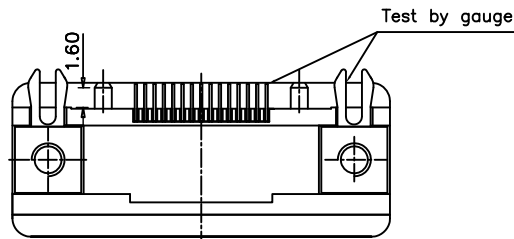
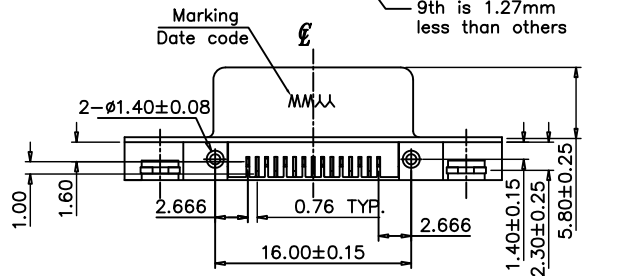
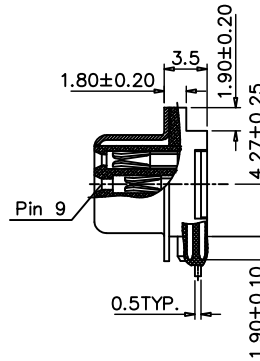
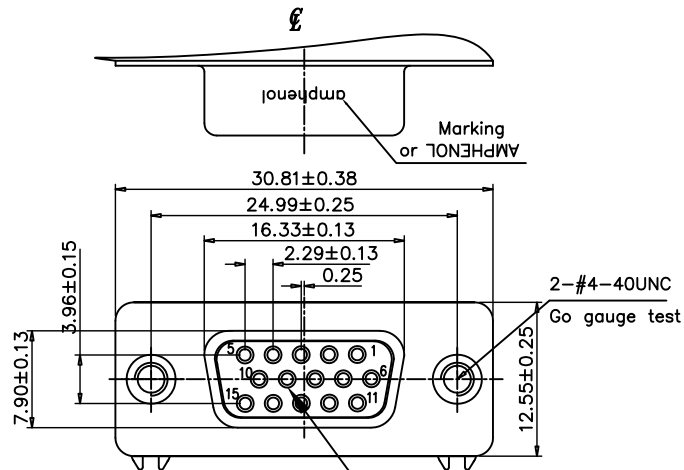


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RECOMMENDED P.C.B. LAYOUT
(TOLERANCE +/-0.03mm)



Customer drawing

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
1		Release drawing	25/01/11	IP
2		Modify dimension 2.25±0.25 to 1.90±0.10	Aug/24/11	IP

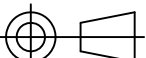
D-SUB TECHNICAL DATA

SHELL : Steel, 100u" min. tin over 50u" min. nickel
BODY : Glass filled thermoplastic ,color BLUE, Pantone 661C
Flame retardant to UL94 V-0, LCP, Halogen Free.
CONTACTS : Phosphor bronze,
15u" min. gold over 50u" min. nickel on mating area.
100u" min. tin over 50u" min. nickel on solder area
BOARDLOCK: Brass, 100u" min. tin over 50u" min. nickel
REAR INSERT : Brass, 50u" min. nickel
ELECTRICAL : Voltage rating : 250 V Rms to 50 Hz
Current rating : 3A
Withstanding Voltage >1000 V Rms to 50 Hz for one minute
Insulation resistance >5000 M Ohms
Contact resistance 20 mOhms max.
CLIMATIC : Temperature range -55 °C up to 105°C
SALT SPRAY : 8hrs
MARKING : Amphenol
Manufacturing date(YYWW: Year Week)

PRODUCT CODE

L 177HD E 15 S D0 CH 4R S BL HF

L: RoHS Compliance	HF:Halogen Free LCP: high temperature
177HD: Tin shell for high density receptable	Color of insulator: BL: Blue color
Shell Size: E	S:Special short contact tail
Configuration: 15	Mounting options: 4R=rear insert #4-40
Contact type: S:Female	PCB locking type: grounding tabs+ boardlocks
	Termination: D0: Slim type VGA: 9th is 1.27mm less

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.	METRIC	DRAWN <i>Mary Ma</i>	Aug/24/11
.X +/-	0.50	CHECKED <i>Lik Wang</i>	Aug/24/11
.XX +/-	0.30	CHECKED	
.XXX +/-	0.20		
FRACTIONS +/-			
ANGLES +/-	5°		
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
METRIC	MM		

Amphenol

Amphenol East Asia Limited

TITLE
Stamped and Formed
contacts, SD series

SIZE	DRAWING NO.	REV.
A4	C L177HDE16SD0CH4RSBLHF	2
SCALE	NONE	SHEET 1 OF 1