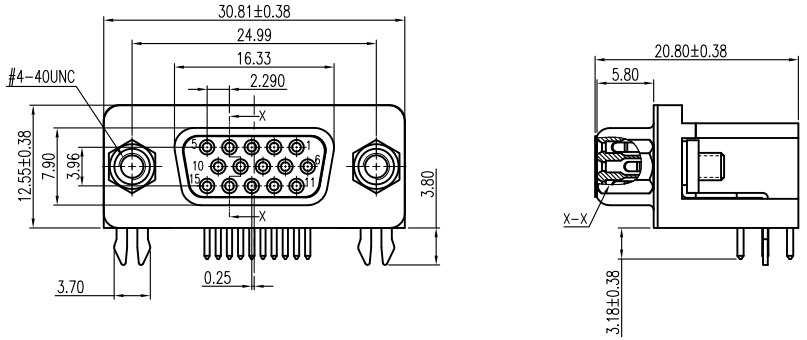
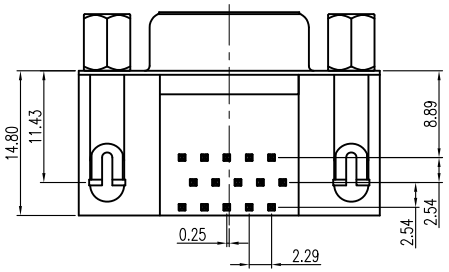
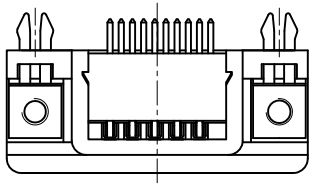
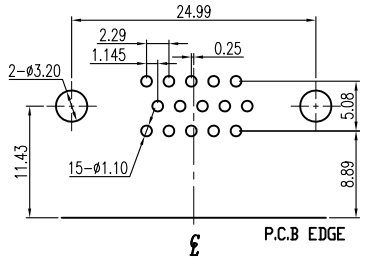
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

Customer Drawing









RECOMMENDED P.C.B. LAYOUT

TOLERANCE:±0.05MM

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	08/08/12	IP
2	HK--	Added packing drawing	08/17/21	IP

D-SUB TECHNICAL DATA

SHELL :	SPCC, 100u'' min tin over 50u" min Nickel over 50u" min Copper
BODY :	PBT UL 94V-0 Color: Blue
CONTACTS :	Copper Alloy Gold flash over 50u'' min nickel on mating area. 100u'' min tin over 50u'' min nickel on solder area.
BOARDLOCK:	Copper alloy, Tin plated.
REAR NUT:	Copper alloy, Nickel plated.
SCREWLOCK:	Copper alloy, Nickel plated.
ELECTRICAL :	Voltage rating 250 V Rms Current rating 3A Withstanding Voltage >1000 V Rms Insulation resistance >1000 M Ohms Contact resistance 25 mOhms max.
MARKING :	Amphenol-...(Series No.) Commercial reference Manufacturing date

PRODUCT CODE

L 77 HD E 15 S D1 CH 4F VGA

- RoHS Compliant
- 77: Tinned shell for receptacle
- High density
- Shell size: E
- Configuration: 15
- Mounting option: VGA= 9th pin less than 1.27mm, insulator blue
- Mounting option: 4F= Front screwlock 4-40
- PCB locking type: Grounding tab+Boardlocks
- Footprint: D1= 8.89mm
- Contact type: S= Socket

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. INCHES / METRIC MM

APPROVAL		DATE
DRAWN	Jen.Luo	08/17/21
CHECKED	Tony.Tang	08/17/21
CHECKED		

DRAWING FILE :

ANGLE OF PROJECTION

Amphenol

TITLE: D-SUB connector, HD Series

SIZE	DRAWING NO.	REV.
A4	L77HDE15SD1CH4FVGA	2

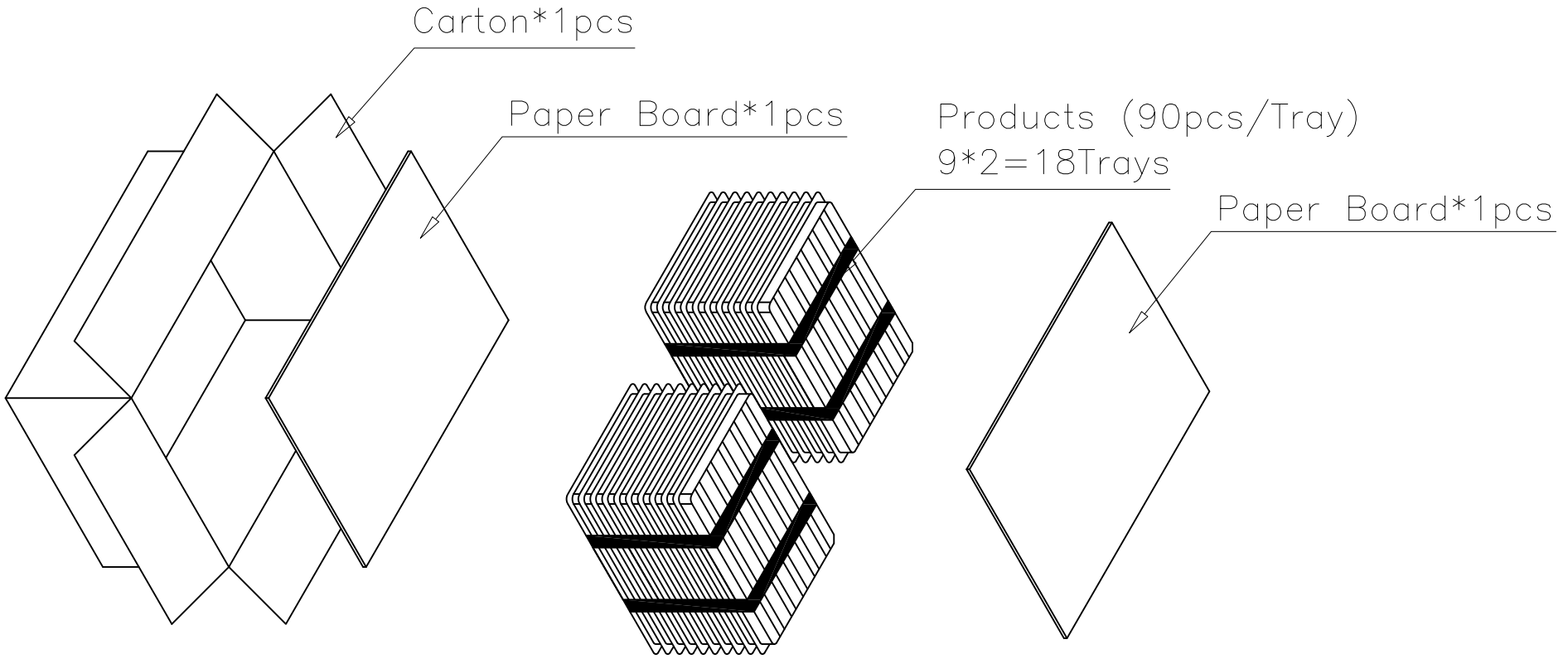
SCALE NONE SHEET 1 OF 2

Downloaded from Arrow.com.

This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

Customer Drawing

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK--	First Release Drawing	08/08/12	IP
2	HK--	Added packing drawing	08/17/21	IP



Carton Size: 45*31*22.5CM

Q'ty: 1620pcs/Carton

Amphenol Shenzhen RoHS Compliant 2011/65/EU

UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC	APPROVAL	DATE	Amphenol
.X +/- 0.50	DRAWN Jon.Luo	08/17/21	
.XX +/- 0.30	CHECKED Tony.Tang	08/17/21	
.XXX +/- 0.20	CHECKED		TITLE D-SUB connector, HD Series
FRACTIONS +/- ANGLES +/- 5°	DRAWING FILE :		
FOR MATERIALS AND FINISHES SEE NOTES	ANGLE OF PROJECTION		SIZE A4 / DRAWING NO. L77HDE15SD1CH4FVGA / REV. 2
REMOVE SHARP EDGES			SCALE NONE / SHEET 2 OF 2
DIMENSIONS U.S. INCHES / METRIC MM			

Downloaded from Arrow.com.