

This document is the property of Amphenol Corporation and is delivered on the express condition that 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, and that no right is granted to disclose or to use any information in this document.
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2002/95/EC for RoHS compliant.



**PRELIMINARY RELEASE
SUBJECT TO CHANGE**

REVISIONS				
SYM	ECN No.	DESCRIPTION	DATE	APPROVED
AX1		UNAPPROVED REVISION	02/09/2009	Hank Hsu

NOTES:

1. MATERIAL:

HOUSING: HIGH TEMPERATURE THERMO PLASTIC, UL94V-0

TERMINAL: PHOSPHOR BRONZE, THICKNESS=0.20mm.

METAL SHIELD: BRASS OR SPCC, THICKNESS=0.40mm.

2. FINISH:

TERMINAL:

CONTACT AREA: SELECTIVE GOLD PLATED.

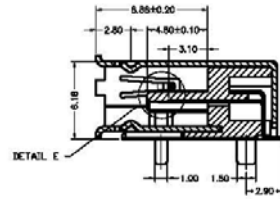
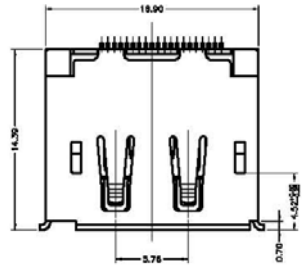
SOLDERING AREA: TIN PL. 100 μ " THK MIN.

UNDER PL.: NICKEL PL. 50 μ " THK MIN.

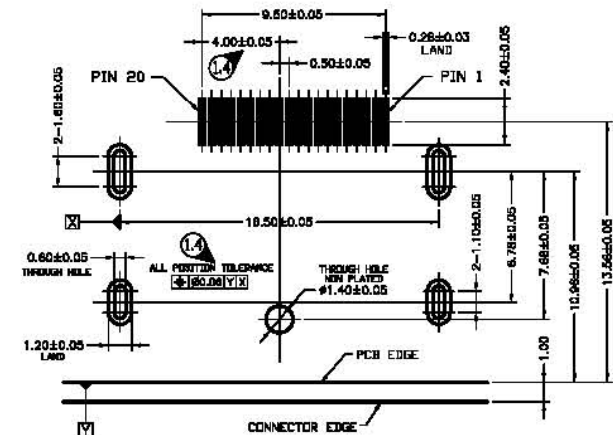
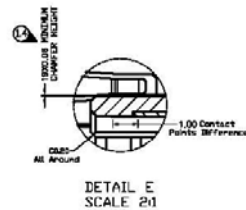
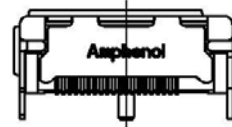
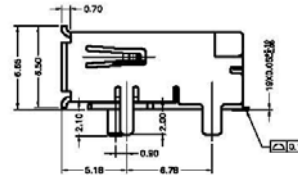
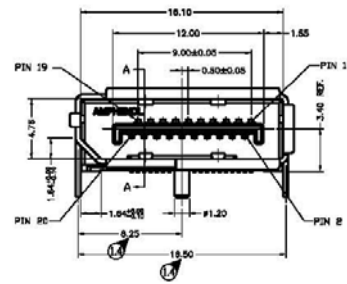
METAL SHIELD:

SOLDERING AREA: NICKEL PL. 100 μ " THK MIN.

3. THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2002/95/EC FOR RoHS COMPLIANT.



SECTION A-A



RECOMMENDED PCB LAYOUT (THK=1.6+/-0.15mm)

G46A20X 2 100XAEU

Contact Finish
 0. Flash gold
 1. 15u" gold
 1. 30u" gold
 Connector Style
 2. SMT
 Shell Plating
 1. Nickel

Packing Code
 A. Tray
 B. Tape & Reel

TOLERANCE	DRAWN	APPROVALS	DATE	TITLE				
X. ±0.30	DESIGNED	Daniel Hsieh	02/09/2009	DISPLAYPORT CONNECTOR 20 POS., 0.10 PITCH, RIGHT ANGLE, SMT TYPE	<div style="text-align: right;">Amphenol[®]</div> Amphenol Corporation Amphenol Taiwan Corporation			
X.X ±0.20	CHECKED	Roger Tsai	02/09/2009					
X.XX ±0.10	APPROVED	Arron Lin	02/09/2009					
X.XXX ±0.10	DWG TYPE	CUST DWG	PROJECT CODE OTHER					
ANGULAR ±1°						UNIT mm	SIZE A3	PART No. G46A20X2100XAEU
UNLESS OTHERWISE SPECIFIED						SCALE NA	SHEET 1 OF 1	DWG No. G46A20X2100XAEU