

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.

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A1	HKXXXX	Release to customer	10/20/04	IP

NOTES:

1.MATERIAL HOUSING: LCP G431 30% GLASS FILLED UL94V-0, BLACK.
OR EQUIVALENT HIGH TEMPERATURE PLASTIC.

CONTACT: PHOSPHOR BRONZE

PLATING: REFER TO P/N SYSTEM ON MATING AREA
1.27~2.54um NICKEL UNDERPLATE OVERALL
2.54~5.08um PURE TIN ON SOLDER TAIL

SOLDER CLIP: COPPER ALLOY, 2.54~5.08um PURE TIN PLATED OVERALL
1.27~2.54um NICKEL UNDERPLATE

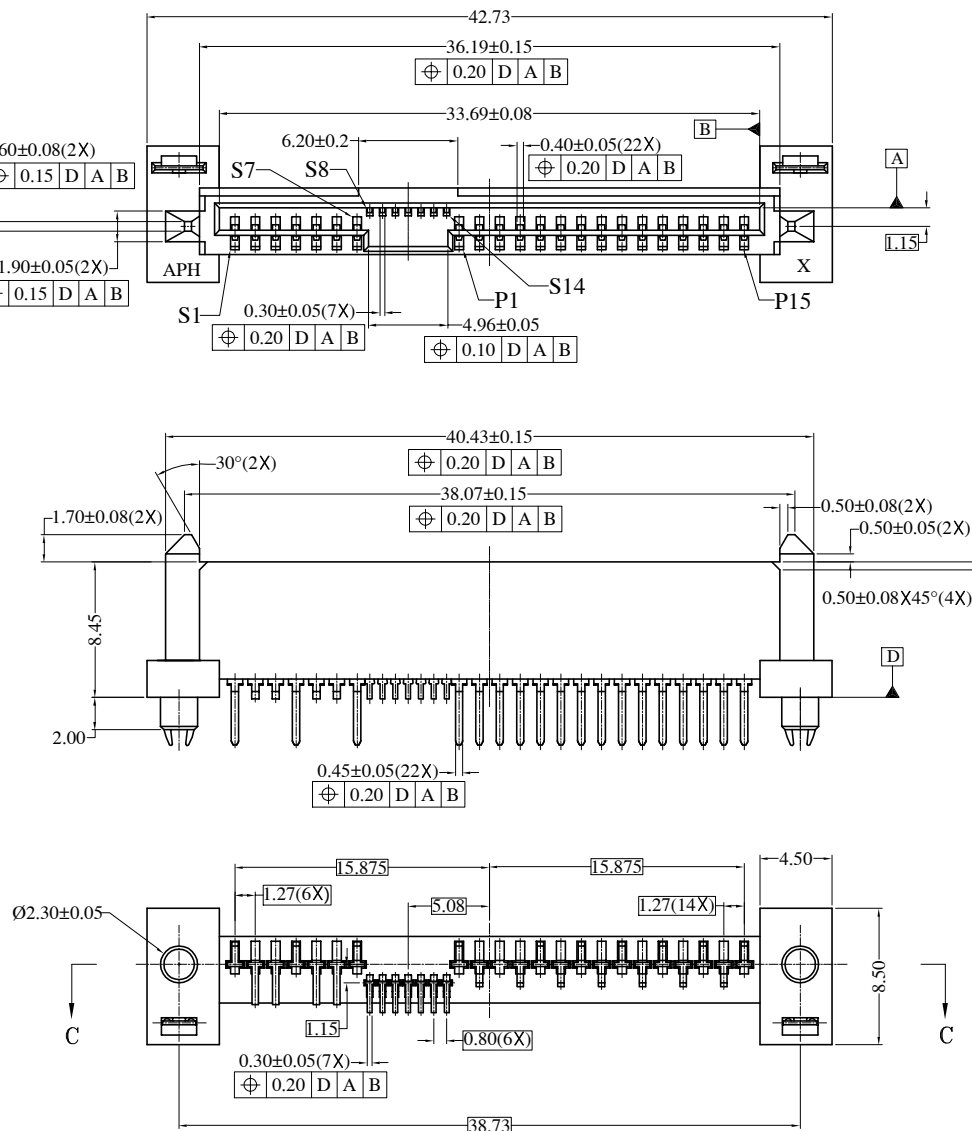
2.ELECTRICAL SPECIFICATION: CURRENT RATING: 1.5A
CONTACT RESISTANCE: 30mΩ MAX.
INSULATOR RESISTANCE: 1000MΩ MIN.
DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC

3. PREMATING AT P4 & P12

4. RECOMMENDED PCB THICKNESS 2.54±0.15

5. ORDER P/N SYSTEM: SAS-F511-001-X-C

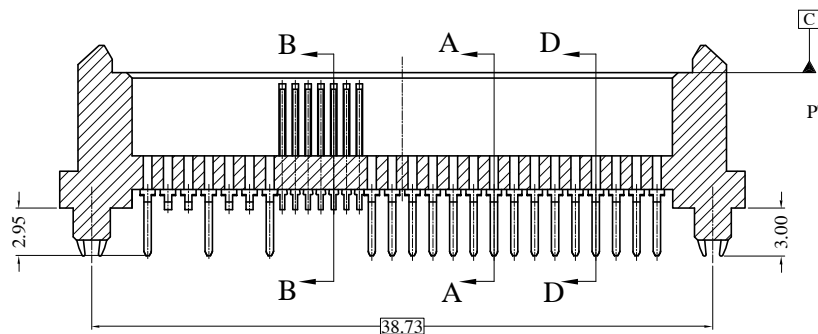
MATING AREA PLATING
1- 0.76um MIN Au.
2- 0.38um MIN Au.
A- Gold FLASH



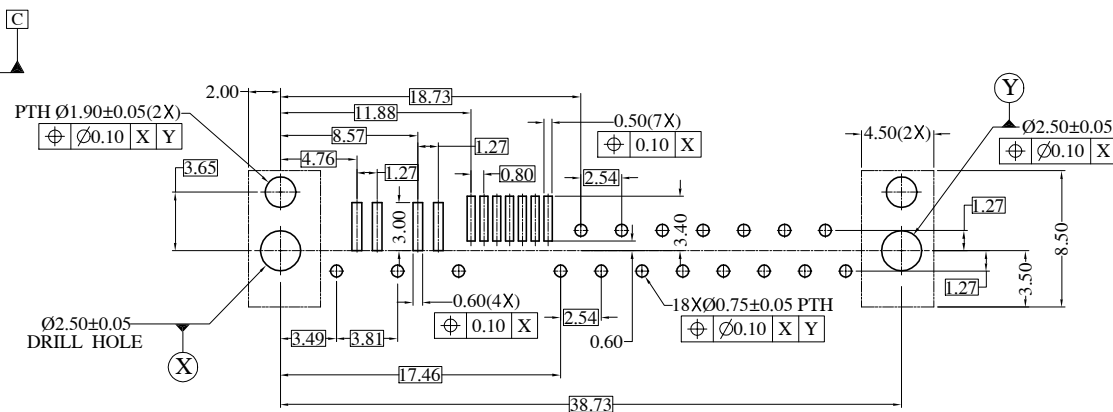
ITEM	PART NO.	REQ'D	DESCRIPTION
PARTS LIST			
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.		DRAWN	RAN.XIAO
METRIC		CHECKED	IP
.X +/-		CHECKED	10/20/04
.XX +/-			
.XXX +/-			
FRACTIONS +/-			
ANGLES +/-			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	PE MASTER DRAWING SAS CBAS-F511-001-X-C
REMOVE SHARP EDGES		ANGLE OF PROJECTION	
DIMENSIONS			
U.S.	INCHES		
(METRIC)	(MM)		
TITLE			Amphenol
SAS SOCKET HYBRID			
SIZE	DRAWING NO.	REV.	
A3	C SAS-F511-001-X-C	A1	
SCALE	NONE	SHEET	1 OF 2

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.

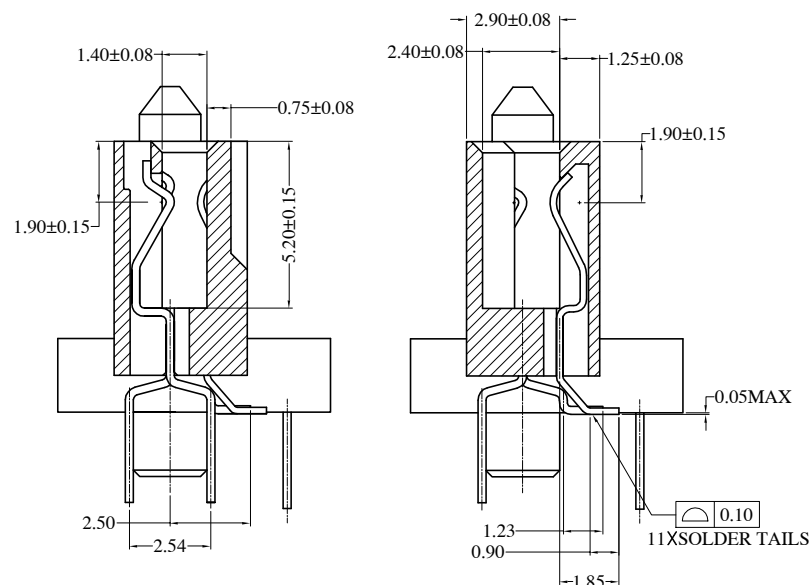
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVE
A1	HKXXXX	Release to customer	10/20/04	IP



SECTION C-C

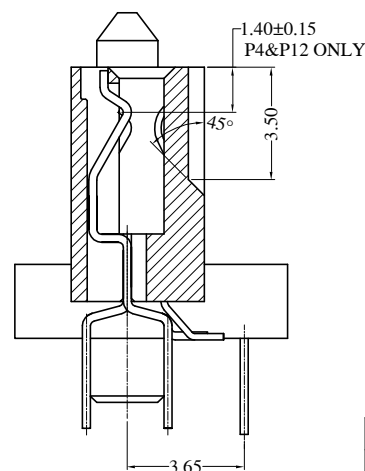


RECOMMENDED PCB LAYOUT
PCB THICKNESS= 2.54 mm



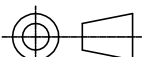
SECTION A-A

SECTION B-B



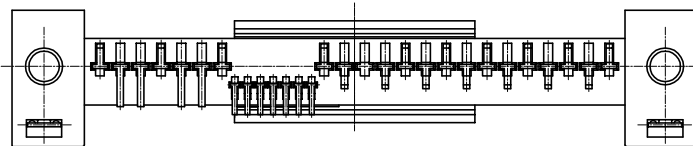
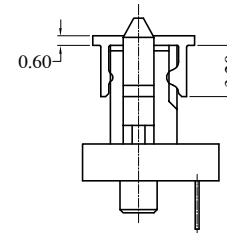
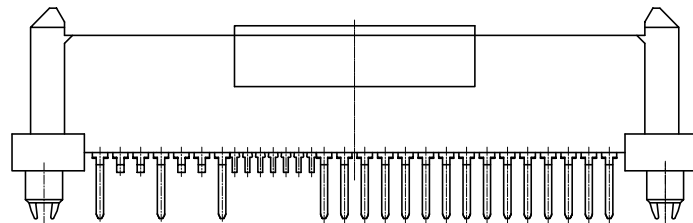
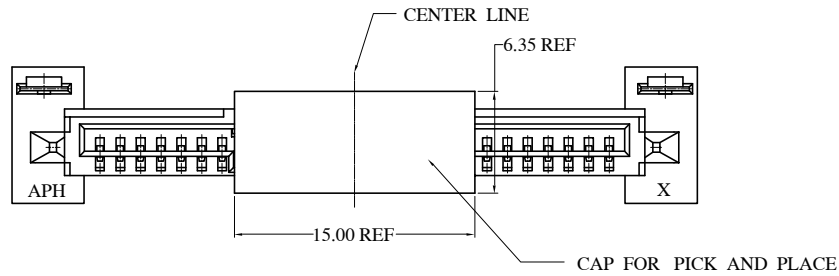
SECTION D-D

Customer Drawing

ITEM	PART	NO.	REQ'D	DESCRIPTION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED TOLERANCES			APPROVAL	DATE
U.S. METRIC			DRAWN RAN.XIAO	10/20/04
.X +/-			CHECKED IP	10/20/04
.XX +/-			CHECKED	
.XXX +/-				
FRACTIONS +/-				
ANGLES +/-				
FOR MATERIALS AND FINISHES SEE NOTES			DRAWING FILE :	TITLE
REMOVE SHARP EDGES			PE MASTER DRAWING SAS CSAS-F511-001-X-C	SAS SOCKET HYBRID
DIMENSIONS			ANGLE OF PROJECTION	SIZE
U.S. INCHES				DRAWING NO.
(METRIC) (MM)				A3 C SAS-F511-001-X-C
			SCALE	NONE
			SHEET 2 OF 2	

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.

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A1	HKXXXX	Initially release	10/20/04	IP



Customer Drawing

ITEM	PART NO.	REQ'D	DESCRIPTION
PARTS LIST			
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
U.S.		DRAWN RAN.XIAO	10/20/04
METRIC		CHECKED IP	10/20/04
.X +/-		CHECKED	
.XX +/-			
.XXX +/-			
FRACTIONS +/-			
ANGLES +/-			
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :	
REMOVE SHARP EDGES		PC MASTER DRAWING SAS CSAS-F511-001-X-C	
DIMENSIONS		ANGLE OF PROJECTION	
U.S.			
INCHES			
(METRIC)			
TITLE			Amphenol
SAS SOCKET HYBRID			
SIZE	DRAWING NO.	REV.	
A3	C SAS-F511-001-X-C	A1	
SCALE	NONE	SHEET 3 OF 3	