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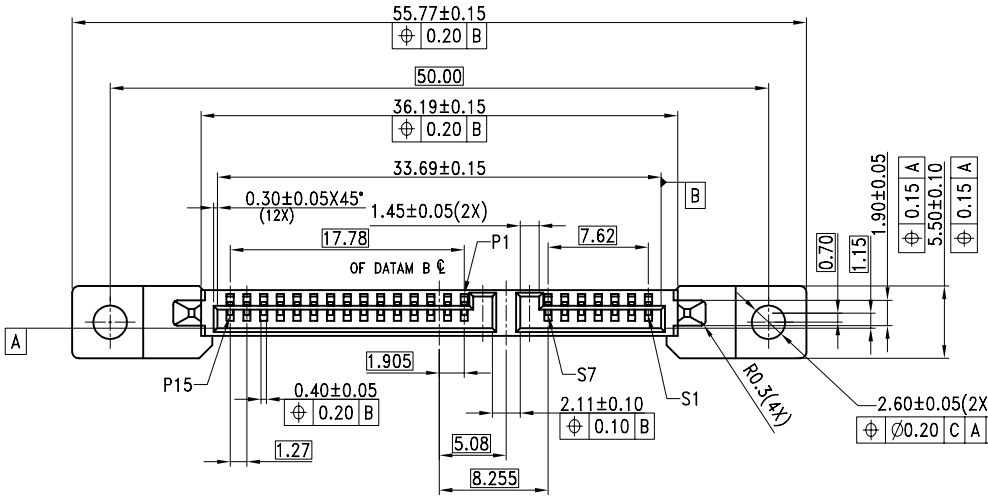
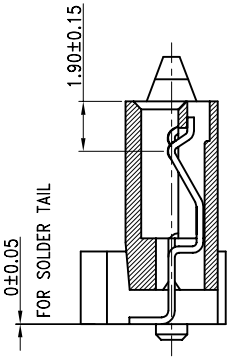
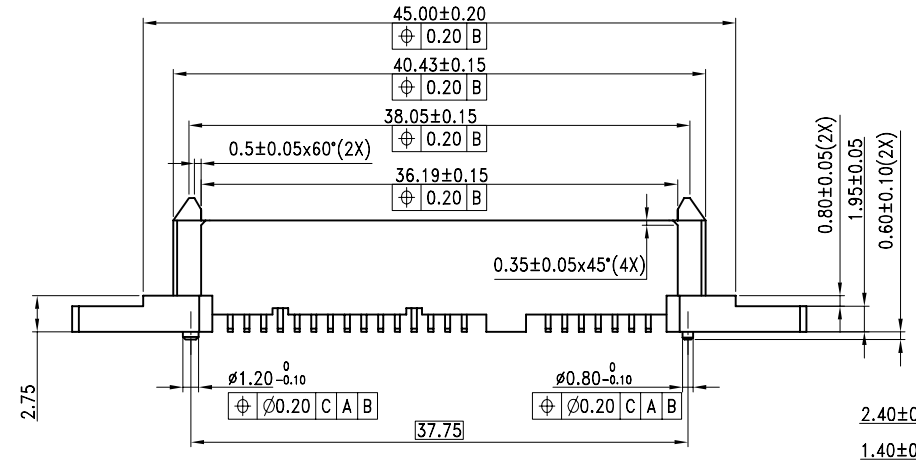
REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
A3	HKXXXX	INITIALLY RELEASE	9/30/04	IP
A3	HKXXXX	shift the riveted hole	12/14/04	IP
A4	HKXXXX	ADD THE STEP THICKNESS	7/24/05	IP
A5	HKXXXX	MODIFY THE DIMENSION FROM 54.30 TO 55.77. MODIFY THE DIMENSION FROM 2.50 TO2.60.	10/14/05	IP

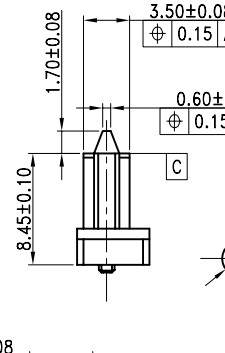


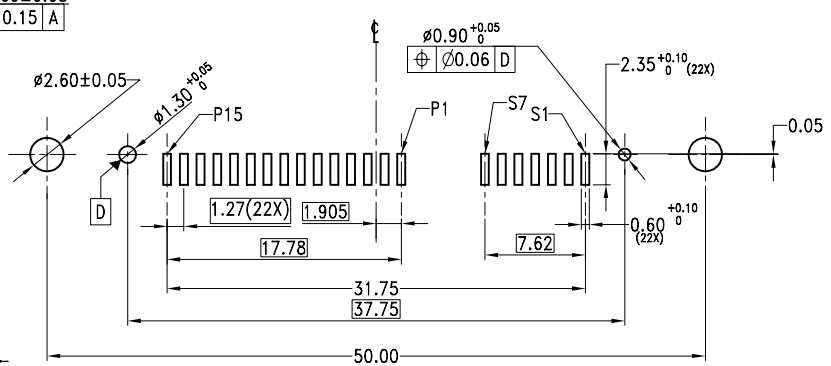


SECTION P–P 2:1

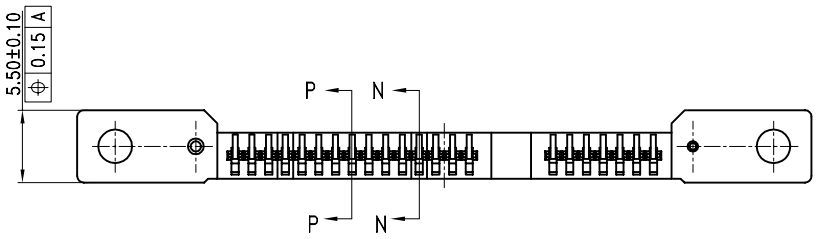
NOTES:
1.Material HOUSING :THERMOPLASTIC, UL94V–0
COLOR:BLACK
CONTACT: PHOSPHOR BRONZE
PLATING: UNDER PLATING WITH NICKEL 1.27u MIN.
OVER PLATING WIHT GOLD ON MATING AREA
GOLD PLATING THICHNESS REFER TO P/N SYSTEM
PURE TIN 2.54u MIN. PLATING ON TERMINAL
2.ELECTRICAL SPECIFICATION: MAXIMUM RATED CURRENT:1.5Amps@30°C MAX.
CONTACT RESISTANCE:30 MILLIOHMS MAX.
INSULATOR RESISTANCE:1000MEGOHMA MIN.
DIELECTRIC WITHSTANDING VOLTAGE: 500 V AC
3.MATERIAL SHOULD BE FUFILLED AMPHENOL SPEC# SSN001.
4 PREMATING AT P4 & P12
5.ORDER P/N SYSTEM: SATA–101–0115–X
MATING AREA PLATING
1–Au 0.76um MIN.
2–Au 0.38um MIN.
A–Au FLASH 3u"



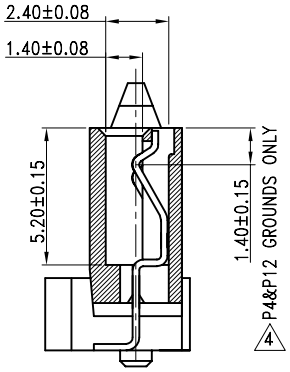




RECOMMENDED PCB LAYOUT



CUSTOMER DRAWING



SECTION N–N 2:1

ITEM NO	PART OR IDENTIFICATION NO	NOMENCLATURE OR DESCRIPTION	QTY REQ'D
		PARTS LIST	

UNLESS OTHERWISE SPECIFIED TOLERANCES U.S. METRIC
.XX +/- 0.20
.XXX +/- 0.10
FRACTIONS +/-
ANGLES +/- 3°
FOR MATERIALS AND FINISHES SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS U.S. (INCHES) (METRIC) (MM)

APPROVAL	DATE
DRAWN TOM.TANG	7/24/05
CHECKED RAN.XIAO	7/24/05
CHECKED	
DRAWING FILE :	

ANGLE OF PROJECTION

Amphenol

TITLE: SATA 7+15P SMT RECEPTACLE

SIZE	DRAWING NO.	REV.
A3	C–SATA–101–0115–X	A5
SCALE	NONE	SHEET 1 OF 1

Amphenol Shenzhen RoHS Compliant EU2002/95/EC