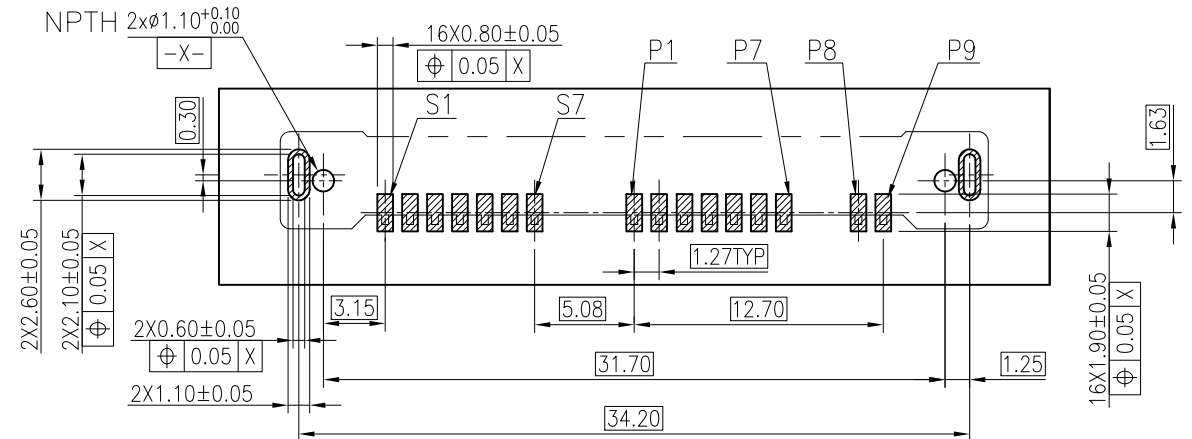
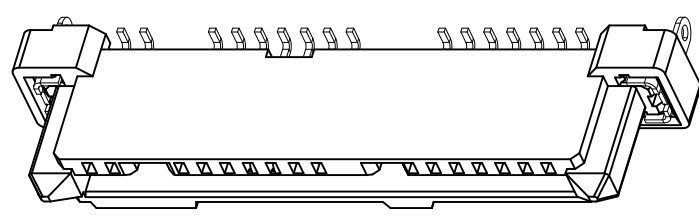
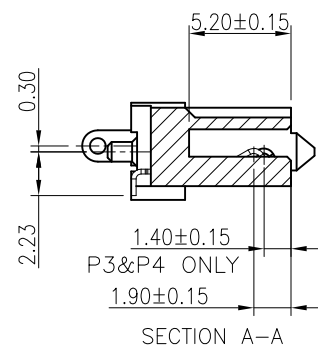
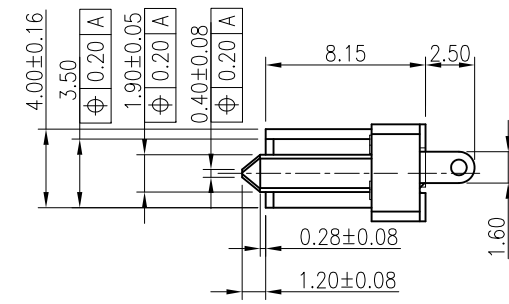
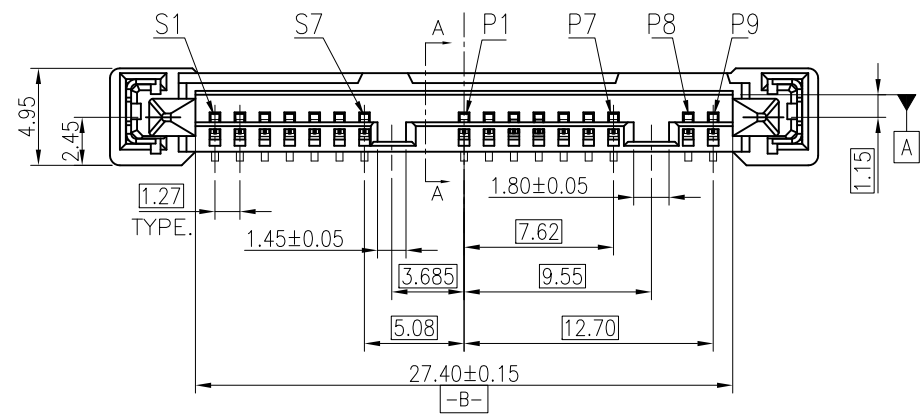
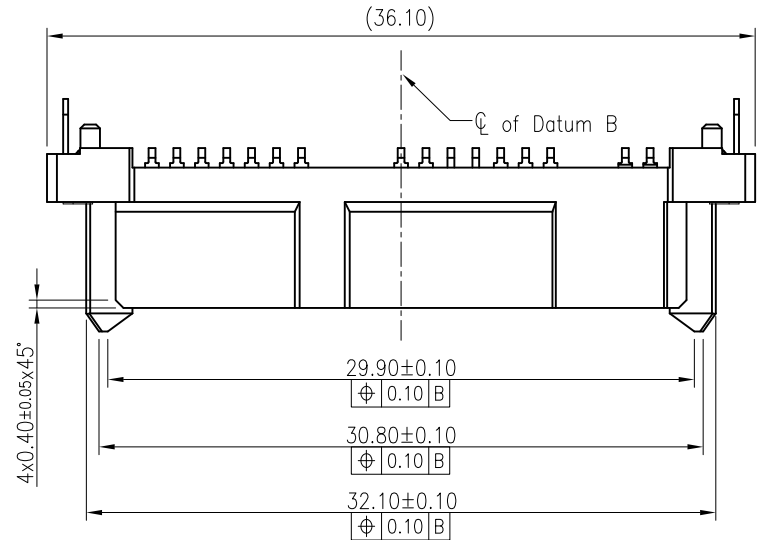


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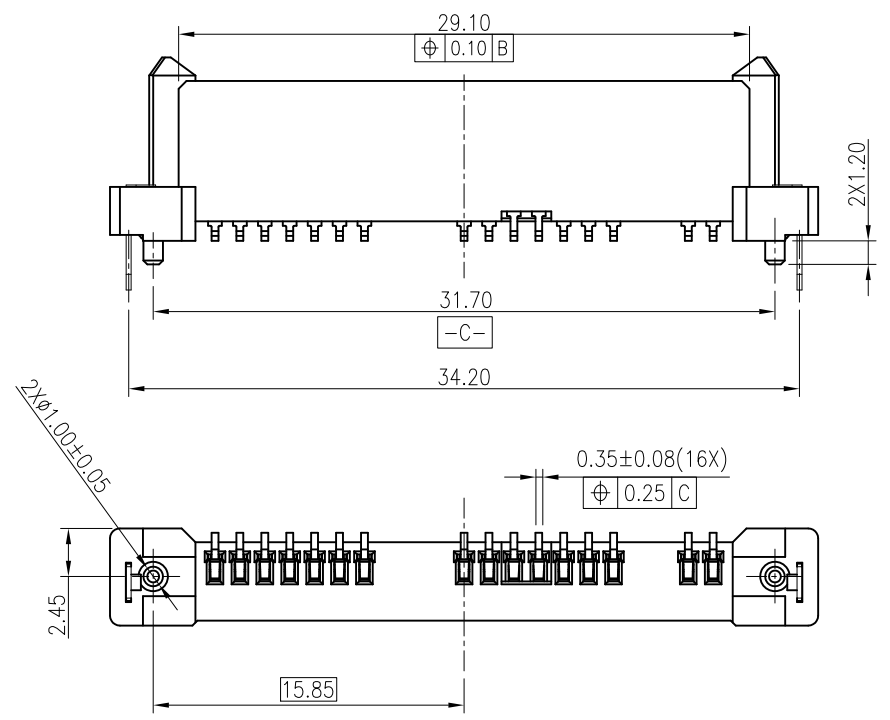


REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	HK---	FIRST RELEASE	05/31/13	IP
2	HK---	Boardlock Structure Modify	06/20/13	IP
3	HK---	Update Housing by customer's req	06/24/13	IP
4	HK---	Add dimension by customer's req	07/19/13	IP
5	HK6994	Add PIN Assigned by customer's req	07/24/13	IP
6	HK***	Add board-lock retention force Spec	01/14/14	IP
7	HK***	Modify PCB Layout by customer's req	01/15/14	IP



RECOMMENDED PCB LAYOUT(TOP VIEW)  
TOLERANCE +/-0.05mm

- NOTES :
- Material:  
Plastic: High thermoplastic,UL 94V-0,Black  
Contacts: copper alloy  
Solder Tabs: copper alloy
  - Finished:  
All contacts:  
Contact area: Gold plating, Solder tails: Tin plated over Nickel underplated  
Solder Tab: Tin plating,nickel plating underplated
  - Electrical performance:  
3.1 Current rating: 1.5A/contact  
3.2 Dielectric strength: 500V for 1 minute  
3.3 Insulation resistance: 1000MΩ  
3.4 Operation temperature: 0°C to +55°C
  - Order p/n system:  
MSAS3-F313-005-X-XX  
Plating on contact mating area: Packing method  
1-0.76µm MIN Gold plating Nil: Tray without cover  
2-0.38µm MIN Gold plating C: Tray with Cover  
3-Gold flash TR: Tape and Reel with Cover
  - Dimensioning shall be interpreted per ASME Y14.5M 1994
  - Material should be fulfilled Amphenol SPEC.# S-SN-002, for halogen free products,also need to meet S-SN-004
  - Board-lock retention force : 3N Min.



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE	Amphenol Amphenol East Asia Limited
U.S.	METRIC	DRAWN	Xiang.wang	01/15/14	
0.0	+/-	0.45	CHECKED		TITLE CUSTOMER DRAWING FOR Micro SAS VERTICAL SMT Socket
0.00	+/-	0.25	CHECKED		
0.000	+/-	0.20			
FRACTIONS +/-		5°	DRAWING FILE :		SIZE A3
ANGLES +/-			DRAWING\SAS\CMSAS3F313005XXX-7		
REMOVE SHARP EDGES		ANGLE OF PROJECTION			DRAWING NO. MSAS3-F313-005-X-XX
DIMENSIONS				REV. 7	
U.S.	INCHES				SCALE N/A
(METRIC)	(MM)			SHEET 1 OF 1	