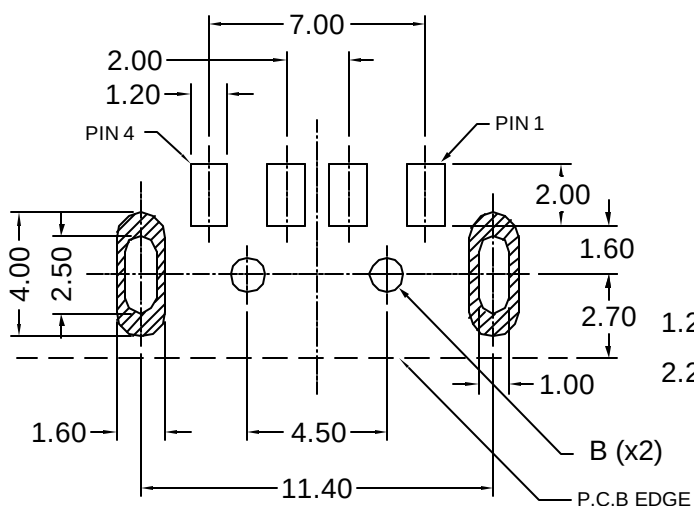
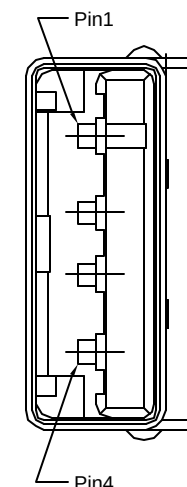
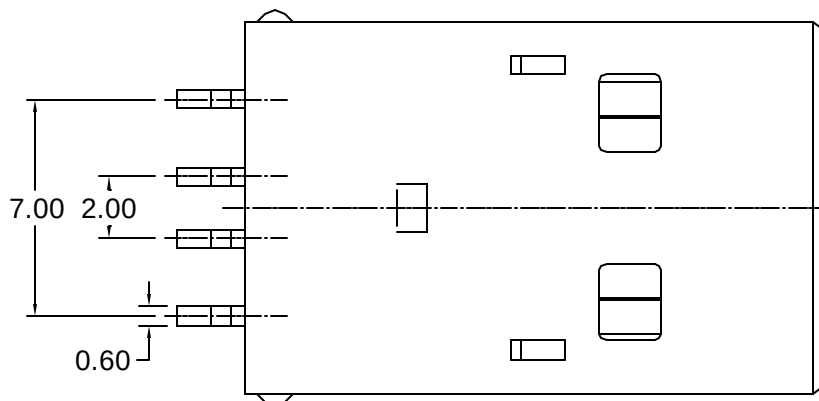
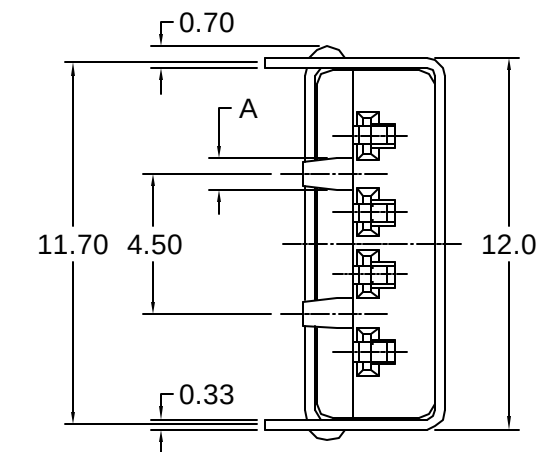
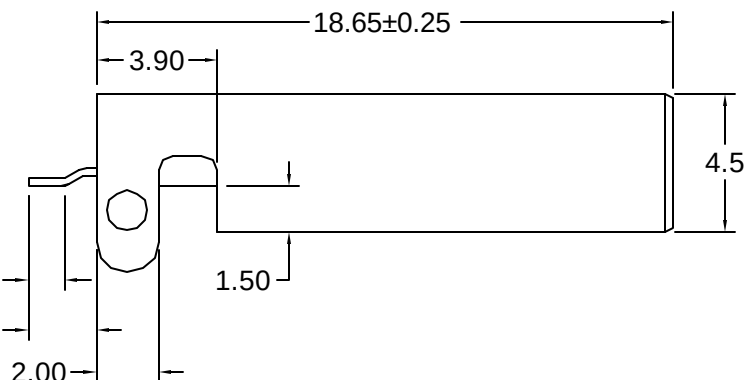




Recommended PCB Layout
(Top View)



Materials and Finish

Shield: Steel,
Nickel Plated

Insulator: UL94V-0 rated
High Temp. Nylon,
Color- White or Black
Reflow Process Compatible

Contact Material:
Phosphor Bronze

Plating Options:
Standard: Gold Flash
on Contact Area, 120u"
Tin-Lead on Solderails,
all over 50u" Nickel

30 Option: 30u" Gold
on Contact Area, 120u"
Tin-Lead on Solderails,
all over 50u" Nickel

Specifications

Rated Voltage:
30V AC (rms)

Contact Current Rating:
1A max.

Contact Resistance:
30 milliohms Max.

Insulation Resistance:
1000 Megohms Min.

Dielectric Withstanding:
500V AC

Insertion Force:
3.57kg max.

Extraction Force:
1.02kg min.

Operating Temperature:
-55°C to 85°C

Part Number	Contact Area Plating Finish	Insulator Color	Dim "A"/Dim "B"
KUSB-SMT2-AP1S-W	Gold Flash (standard)	White	0.90mm/1.10mm ±0.10mm
KUSB-SMT2-AP1S-W30	30u" Gold (30 option)		
KUSB-SMT2-AP1S-B	Gold Flash (standard)	Black	0.90mm/1.10mm ±0.10mm
KUSB-SMT2-AP1S-B30	30u" Gold (30 option)		
KUSB-SMT2-AP5S-W	Gold Flash (standard)	White	1.35mm/1.55mm ±0.10mm
KUSB-SMT2-AP5S-W30	30u" Gold (30 option)		
KUSB-SMT2-AP5S-B	Gold Flash (standard)	Black	1.35mm/1.55mm ±0.10mm
KUSB-SMT2-AP5S-B30	30u" Gold (30 option)		



LR78160

Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	03/29/02	New Drawing	M. Yiu	K. Wallace	M. Yiu	03/29/02
A1	04/10/02	Modify Post Dim.	K. Wallace	K. Wallace		
A2	04/15/02	Modify Post Dim.	K. Wallace	K. Wallace		UNITS
A3	06/27/02	Release Drawing	K. Wallace	K. Wallace		
A4	12/13/04	ECO #04-068	R. Aguirre	H. MA		
A5	07/27/05	ECO #05-030	R. Aguirre	H. MA		

KUSB-SMT2-APxS-x

USB A-type Plug, 4 position, SMT
w/ Through Hole Shield Tabs



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[KUSB-SMT2-AP1S-B30](#) [KUSB-SMT2-AP5S-B](#) [KUSB-SMT2-AP1S-B](#) [KUSB-SMT2-AP5S-W](#) [KUSB-SMT2-AP1S-](#)
[W30](#) [KUSB-SMT2-AP1S-W](#)