

MPSI CONNEX USB 2.0 Connectors, 604 Series:

Ordering Code 604-0003 (See > Options) – Type A Recept, Vertical, 13.7mm Body, TH, UL94V-0

| www.mpsiconnex.com |

| sales@mpsiconnex.com |



Images are for Illustrative Purposes Only

USB 2.0 Standard. Type A, Vertical Through-Hole PCB Mount Receptacle.

Current Rating 1.5A. Gold (1 Micron) Plated Contacts (See > Options)
Tin Plated Solder Tails and Nickel Plated Shell.

Copper Alloy or Steel Shell (See > Options).
White PBT Insulator as Standard (See > Options).

Mates with USB 2.0 Type A Male Cables.
Backward Compatible with USB 1.1. Supplied in Tray Packaging.

> TECHNICAL SPECIFICATION

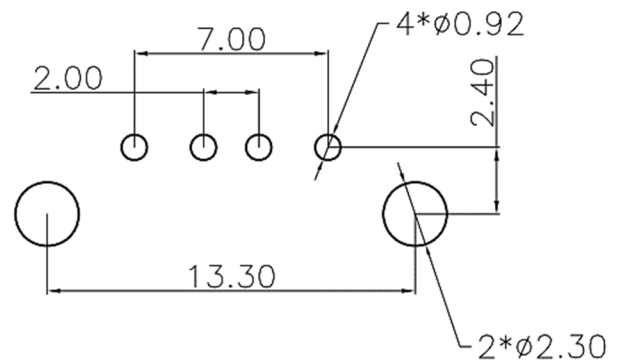
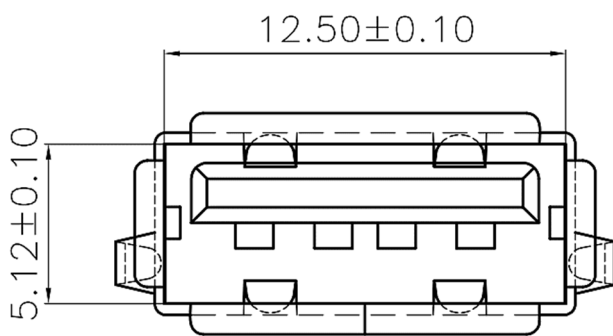
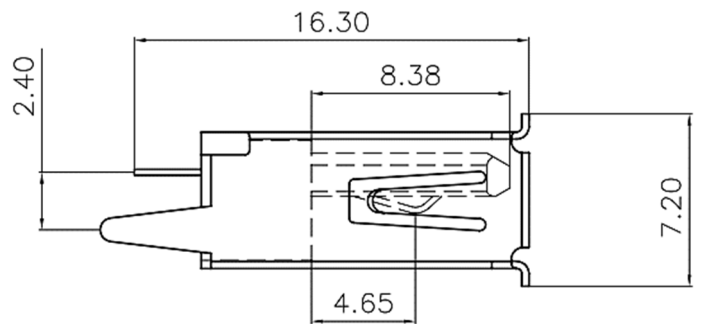
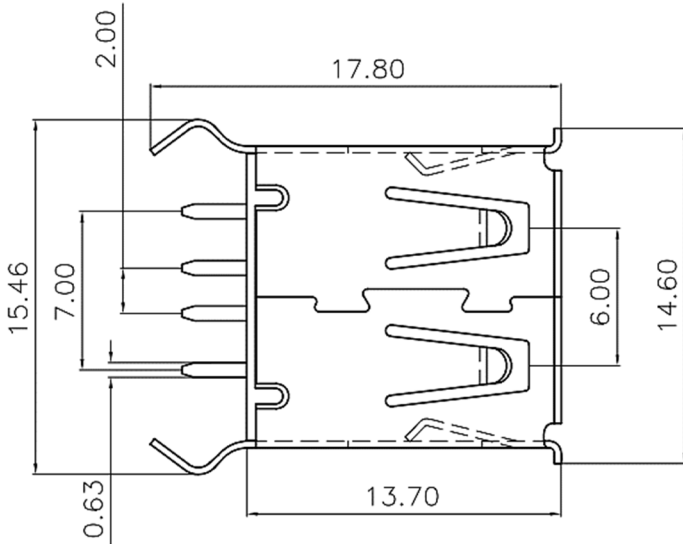
NUMBER OF PORTS:	SINGLE
CONNECTOR TYPE:	USB 2.0 TYPE A RECEPTACLE
MOUNTING TYPE:	PCB THROUGH-HOLE
ORIENTATION:	VERTICAL
BODY HEIGHT:	13.7MM
INSULATION (PLASTICS):	PBT WHI/BLK UL94V-0 (E318855) (See > Options)
CONTACT MATERIAL:	COPPER ALLOY
CONTACT PLATING:	1 MICRON (u") GOLD OVER NICKEL
SHELL MATERIAL:	COPPER ALLOY OR STEEL (See > Options)
SHELL PLATING:	NICKEL
SOLDER TAILS:	TIN
RoHS COMPLIANT:	YES
CURRENT RATING:	1.5A
VOLTAGE RATING:	30V DC
CONTACT RESISTANCE:	30 mΩ MAX
DIELECTRIC WITHSTANDING VOLTAGE:	500V AC
INSULATION RESISTANCE:	1000MΩ
OPERATING TEMPERATURE:	-25°C to +70°C
MATING FORCE (MAX):	2.5kgf
UNMATING FORCE (MAX):	0.8-2.0kgf
DURABILITY:	1500 MATING CYCLES



> OPTIONS

SHELL MATERIAL:	-C SUFFIX DESIGNATES COPPER ALLOY -S SUFFIX DESIGNATES STEEL
INSULATOR COLOUR:	-W SUFFIX DESIGNATES WHITE -B SUFFIX DESIGNATES BLACK
INSULATOR MATLS: (PBT AS STD NO SUFFIX)	-D SUFFIX DESIGNATES LCP (UL94V-0) HI-TEMP
CONTACT PLATING: (GOLD FLASH AS STANDARD NO SUFFIX)	OTHER CONTACT PLATING UPON REQUEST
PART NUMBER EXAMPLE: 604-0003-C-W = COPPER ALLOY SHELL WITH WHITE INSULATOR PLEASE VERIFY AVAILABILITY ON OPTIONS PRIOR TO SELECTION / ORDERING	

> PHYSICAL



PCB.LAYOUT



> REVISION HISTORY

Revision	Description	Date
1.0	Initial Drawing Release	11.04.2011

Revision History provided is for informational purposes only and is believed to be accurate.