

MPSI CONNEX USB 2.0 Connectors, 604 Series:

Ordering Code 604-0009 (See > Options) – Type B Recept, Right Angled 90°, TH, UL94V-0

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Images are for Illustrative Purposes Only

USB 2.0 Standard. Type B, Right Angled 90° 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

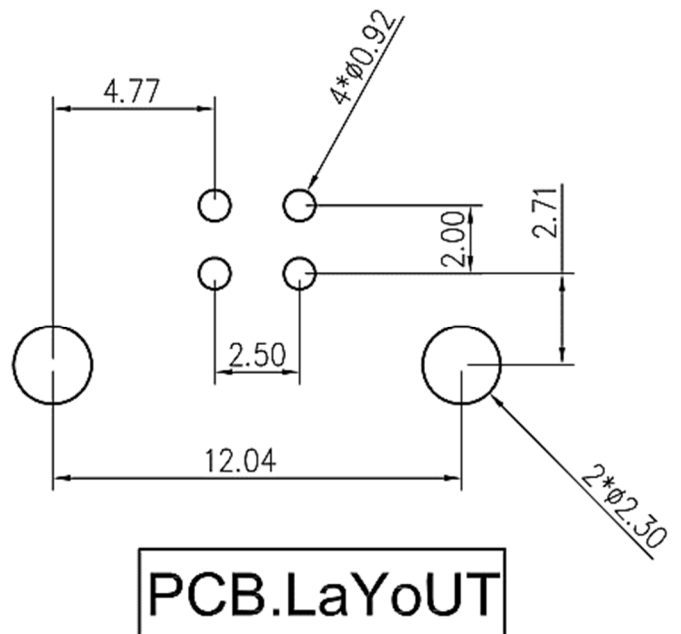
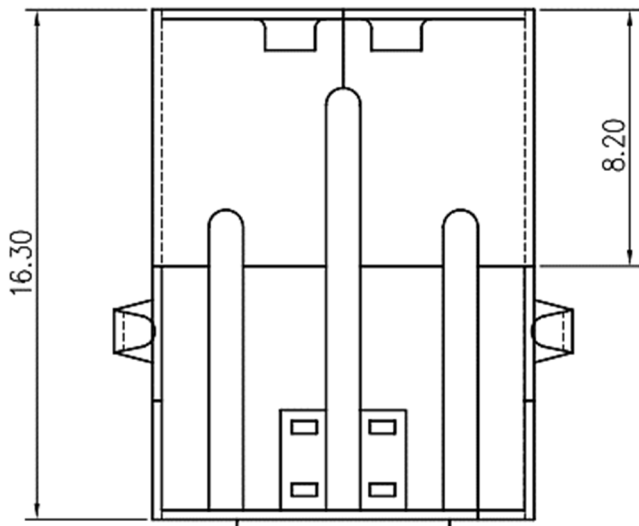
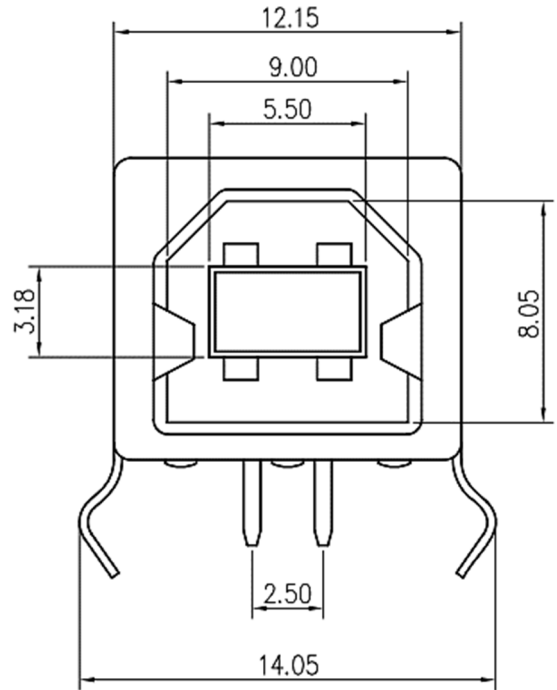
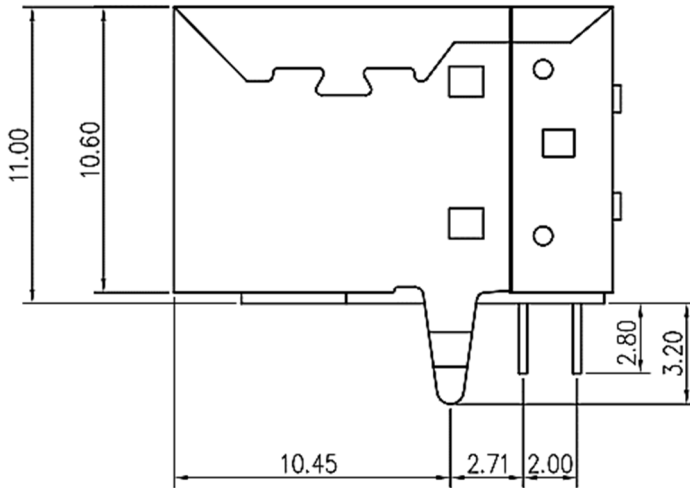
NUMBER OF PORTS:	SINGLE
CONNECTOR TYPE:	USB 2.0 TYPE B RECEPTACLE
MOUNTING TYPE:	PCB THROUGH-HOLE
ORIENTATION:	HORIZONTAL 90°
INSULATION (PLASTICS):	PBT WHI/BLK UL94V-0 (E318855) (See > Options)
CONTACT MATERIAL:	COPPER ALLOY
CONTACT PLATING:	1 MICRON (u") GOLD OVER NICKEL
SHELL MATERIAL:	COPPER ALLOY 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: 604-0009-C-W = COPPER ALLOY SHELL, WHITE INSULATOR, GOLD-FLASH CONTACT PLATING. PLEASE VERIFY AVAILABILITY ON OPTIONS PRIOR TO SELECTION / ORDERING	

> PHYSICAL





> REVISION HISTORY

Revision	Description	Date
1.0	Initial Drawing Release	10.10.2012

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