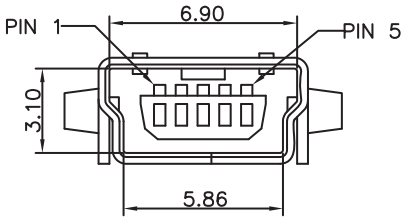
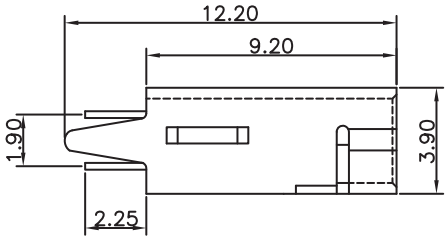
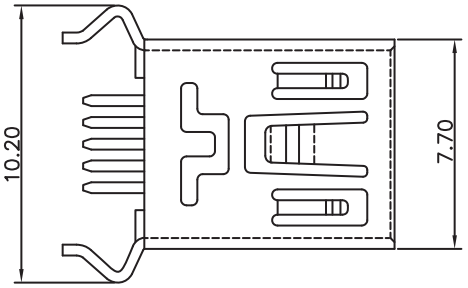


RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS : 1.6 mm







TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR MATERIAL: LCP
FLAMMABILITY RATING: UL94-V0
COLOR: BLACK
CONTACT MATERIAL: COPPER ALLOY
CONTACT TYPE: STAMPED
CONTACT PLATING: SELECTIVE GOLD
SHIELDING: BRASS WITH Ni PLATING
QUALITY CLASS: 1500 MATING CYCLES

ENVIRONMENTAL
OPERATING TEMPERATURE: -40 UP TO 105°C
COMPLIANCE: LEAD FREE AND ROHS

ELECTRICAL
CURRENT RATING: 1.0 A MAX
WORKING VOLTAGE: 30 VAC
INSULATOR RESISTANCE: >1000 MΩ
DIELECTRIC WITHSTANDING VOLTAGE: 750 VAC/MIN
CONTACT RESISTANCE: 20 mΩ MAX

STANDARD
CERTIFIED: E323964

SOLDERING
JEDEC LEAD FREE WAVE SOLDERING

PACKAGING
TRAY

RoHS Compliant

REV	DATE	FILE	BY
K	05-DEC-14	LAYOUT+DISCL.	AS
J	01-SEP-14	DIM.+VIEWS+UL	AS
I	18-FEB-13	DESIGNATION	AR
H	08-NOV-11	CURRENT RATING	GG

PROJECTION:

APPROVAL: NPr

GENERAL TOLERANCE
.X = +/- 0.2
.XX = +/- 0.15

UNIT: MM
SCALE:
SHEET: 1/2
DRAW: AS

WÜRTH ELEKTRONIK

DESCRIPTION: WR-COM - VERTICAL MINI USB 2.0 TYPE B 5 CONTACTS

WERI PART NO: 651 005 136 421

SIZE
A4

Cautions and Warnings:

This electronic component is designed and developed with the intention for use
in general electronics equipments.
Before incorporating the components into any equipments in the field such as aerospace, aviation,
nuclear control, submarine, transportation, (automotive control, train control, ship control),
transportation signal, disaster prevention, medical, public information network etc. where higher safety
and reliability are especially required or if there is possibility of direct damage or injury to human body,
Wurth Elektronik must be asked for a written approval.
In addition, even electronic component in general electronic equipments, when used in electrical circuits
that require high safety, reliability functions or performance, the sufficient reliability evaluation-check
for the safety must be performed before by the user before usage.

RoHS Compliant							
G				PROJECTION:	GENERAL TOLERANCE	WÜRTH ELEKTRONIK	
F					.X = +/- 0.2		
E					.XX = +/- 0.15		
D							
C				APPROVAL: JC	UNIT: MM	DESCRIPTION: DISCLAIMER	SIZE
B					SCALE:		A4
A	10-SEP-14	PDF	QL		SHEET: 2/2	WERI PART NO: DISCLAIMER	
REV	DATE	FILE	BY		DRAW: QL		

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WURTH:

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971100477 140816144200 665102131822 744052002 744393665015 860080275016 560112110239
636201040300 687640141002 687750225002 810912012 810913006 560112110188 64900821122
7443633300 74438334022