RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS : 1.6 mm

TECHNICAL CHARACTERISTICS

MATERIAL
INSULATOR: PBT
FLAMABILITY RATING: UL94-V0
COLOR: BLACK
CONTACT MATERIAL: COPPER ALLOYS
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 MOHM
DIELECTRIC WITHSTANDING VOLTAGE: 750 VAC/MN
CONTACT RESISTANCE: 20 mOHM MAX

STANDARD
CERTIFIED: E323964

SOLDERING
JEDEC LEAD FREE WAVE SOLDERING PROCESS

PACKAGING
TUBE

RoHS Compliant

REV	DATE	FILE	BY
M	03-AUG-16	PCN	AK
L	26-NOV-15	PACKAGING	AK
K	09-AVR-15	PCB THIKNESS	QP
J	18-FEB-13	DESIGNATION	AR
I	08-NOV-11	CURRENT RATING	GG
H	22-JUN-11	CURRENT RATING	GG

PROJECTION:

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

APPROVAL: NPr

UNIT: MM
SCALE:
SHEET: 1/3
DRAW: DXS

WÜRTH ELEKTRONIK

DESCRIPTION: MINI USB 2.0 TYPE B 5 CONTACTS

WERI PART NO: 651 005 136 521

SIZE
A4

435mm

11.6±0.3

140

125

650

CARTON

CARTON
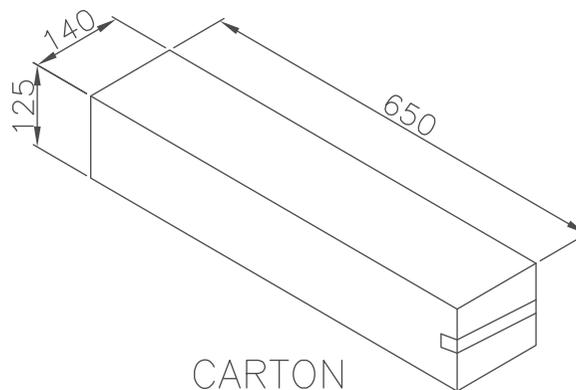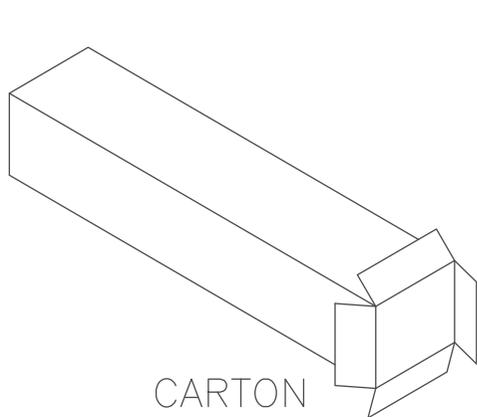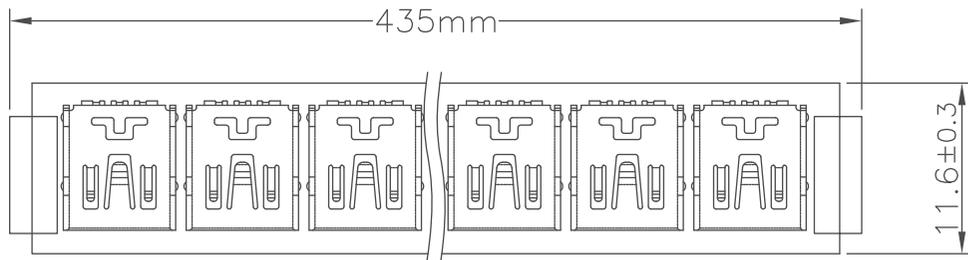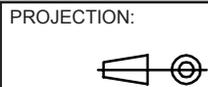
Note:
  Dimension:
  Tube Size: L=435mm
  Carton Size: 650(L)X140(W)X125(H) (mm)

50 Pcs/Tube
120 Tube/Carton
6000 Pcs/Carton

RoHS Compliant

			PROJECTION:	GENERAL TOLERANCE			
G					WÜRTH ELEKTRONIK		
F				.X = +/_ 0.2			
E				.XX = +/_ 0.15			
D							
C			APPROVAL: NPr	UNIT: MM	DESCRIPTION: MINI USB 2.0 TYPE B 5 CONTACTS	SIZE	
B				SCALE:			A4
A				SHEET: 2/3	WERI PART NO: 651 005 136 521		
REV	DATE	FILE	BY	DRAW: AK			

	1	2	3	4	5	

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.

REV	DATE	FILE	BY		
G				PROJECTION:	GENERAL TOLERANCE
F					.X = $^+/_-$ 0.2
E					.XX = $^+/_-$ 0.15
D					
C				APPROVAL: JC	UNIT: MM
B					SCALE:
A	10-SEP-14	PDF	QL		SHEET: 3/3

WÜRTH ELEKTRONIK

DESCRIPTION: DISCLAIMER

WERI PART NO: DISCLAIMER

SIZE **A4**

DRAW: QL