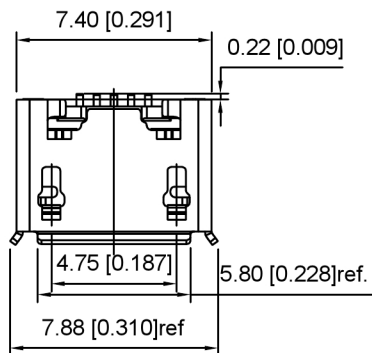
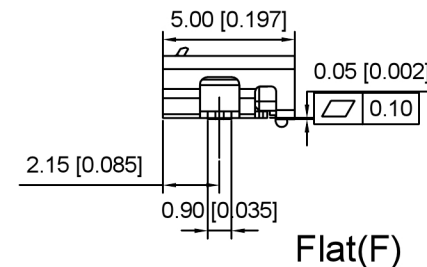
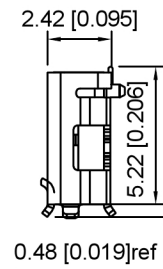
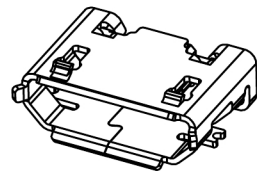
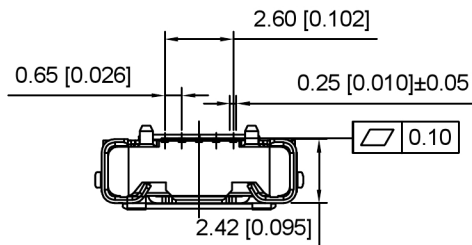


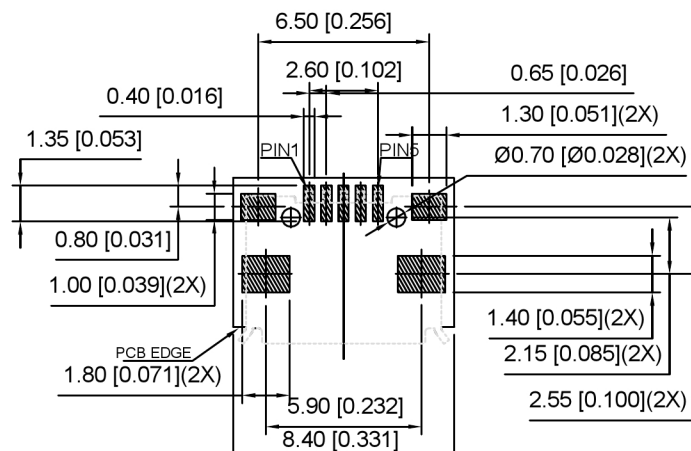
MICRO USB PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME
Pin1	VBUS
Pin2	D-
Pin3	D+
Pin4	ID
Pin5	GND

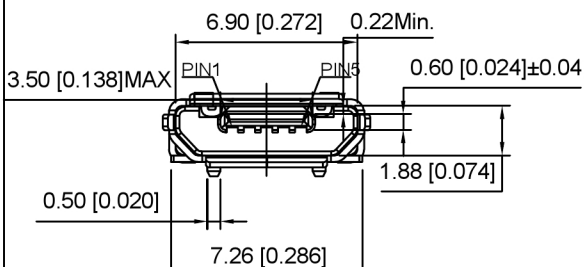
- NOTE:
- MATERIAL SPECIFICATION:
 - HOUSING: SEE TABLE 1, UL94 V-0 BLACK.
 - CONTACTS: BRASS/C2680 T=0.15
 - FRONT SHELL: STAINLESS STEEL(SUS201 T=0.3)
 - PLATING SPECIFICATION:
 - CONTACTS:
 - NI 50u" MIN. UNDER PLATED OVER ALL.
 - AU PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE PIN)
 - FRONT SHELL:
 - MATTE SN 50u" MIN. PLATING OVER ALL.
 - 50u" MIN. NICKEL UNDER PLATING OVER ALL.
 - MECHANICAL PERFORMANCE:
 - INSERTION FORCE: 3.5Kgf MAX
 - REMOVAL FORCE: 0.8kgf MIN
 - DURABILITY: 10000 CYCLES.
 - ELECTRICAL PERFORMANCE:
 - CURRENT RATING:
 - VBUS & GND PINS: 1.8A MAX.
 - OTHER PINS: 0.5A MAX.
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 30mQ/PIN MAX.
 - SHIELD: 50mQ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mQ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
5. ENVIRONMENTAL PERFORMANCE:
OPERATING TEMPERATURE: -25°C~+85°C.
6. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

U253-05XX-4BH89-XXS

- 1: AU 1U"
6: AU 30U"
T: TIN
N: NICKEL
- S: SUS
1: WITH 2: WITHOUT
S: Scrolls F: Flat



RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE: ±0.05



广东星坤科技股份有限公司

日期
文件工程章

DESCRIPTION

REVISIONS

www.helloxkb.com www.helloxkb.cn www.xk-dg.cn

DATE

REVISED

APPROVED

ANGLAR	±5°
L ≤ 4	±0.2
4 < L ≤ 16	±0.3
16 < L ≤ 63	±0.4
L > 63	±0.5

UNSPECIFIED TOLERANCES

XKB

XKB INDUSTRIAL PRECISION CO., LIMITED

DSND		SCALE: N/A	MODEL TYPE: MICRO USB
DWN		VIEW:	PART NO.:
CHKD		UNIT: mm/in	DWG NO.:
APPD		SIZE: A4	U253-05XX-4BH89-XXS
		WEIGHT	SHEET
			1/1
		REVISIT	A0

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [USB Connectors](#) category:

Click to view products by [XKB](#) manufacturer:

Other Similar products are found below :

[950](#) [A-USB A-LP-SMT-C](#) [A-USB B-TOP-C](#) [MUSBD11135](#) [17-200721](#) [217450-1](#) [KMBVX-TH-5S-B30](#) [KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-W30](#) [935](#) [957](#) [30-498-6](#) [SK-60A-2](#) [1734082-1](#) [30-470](#) [30-489](#) [30-541](#) [MAB 5 S](#) [A-USB A-2P-C](#) [MIKROE-1451](#)
[USBFTVSCCG](#) [1-1734084-2](#) [MUSBA81130](#) [NK-27-32SL](#) [NK-L8-22C-5/8](#) [10135326-001LF](#) [4198](#) [690-024-633-031](#) [UB-20PMFP-LC7001](#)
[17-200011](#) [UB-20AFMM-LL7A01](#) [CAP-WCCMLPB1](#) [CAP-WCCMLPC1](#) [2274475-3](#) [914-614A2025S10200](#) [USB3FTV7SAGF059](#)
[USB3FTV2SAZNF459](#) [USB3FTV7SAZNF459](#) [HYCW153-USBD05-500B](#) [HYCW219-USBD05-075B](#) [HYCW148-USBD05-117B](#)
[HYCW149-USBD05-740B](#) [HYCW204-USBD05-108B](#) [HYCW214-USBA04-113B](#) [HYCW213-USBA04-113B](#) [KMMX-BSMT35S-1-B30TR](#)
[2345986-1](#) [10082141-N340LF](#) [10117836-011LF](#) [GSB3C3133DSYHR](#)