



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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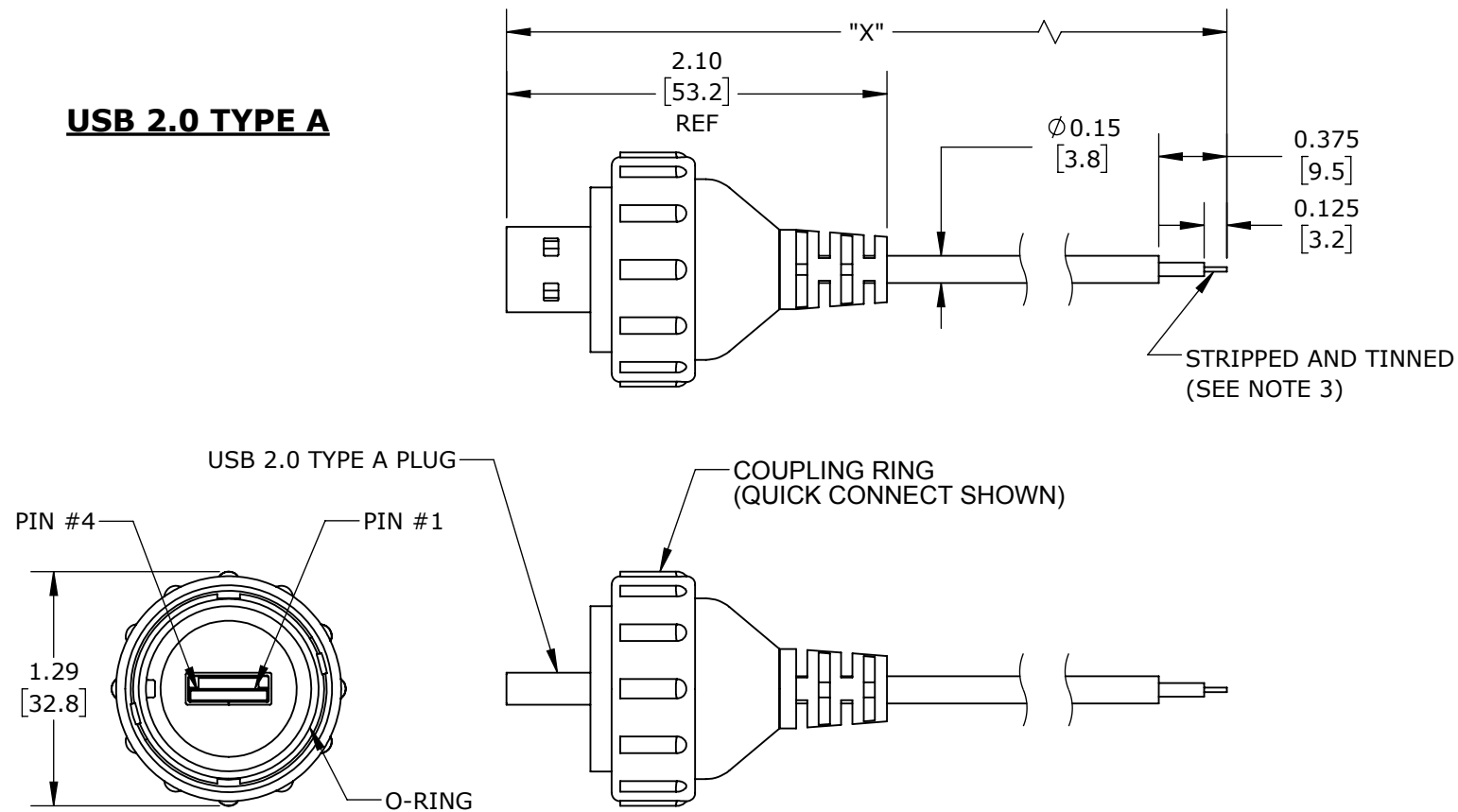
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



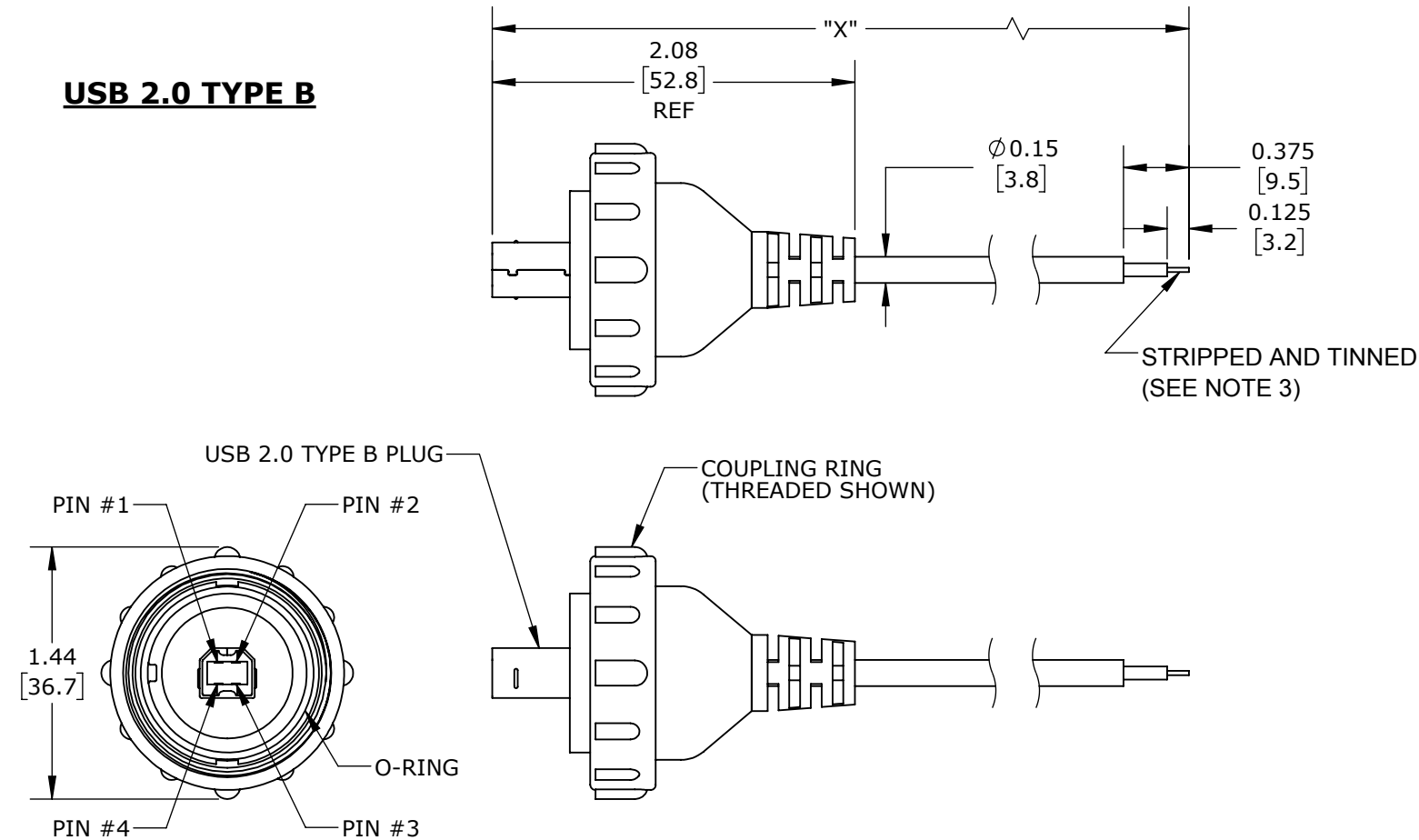
CUSTOMER DRAWING

PART NUMBER: DCM-USB SERIES

**USB 2.0 TYPE A**



**USB 2.0 TYPE B**



PART NUMBER	USB 2.0 TYPE	COUPLING TYPE	CABLE LENGTH "X"
DCM-USBAB-R5	A	QUICK CONNECT	195.0 ± 3.0 [4953.0 ± 76.2mm]
DCM-USBAT-R5	A	THREADED	195.0 ± 3.0 [4953.0 ± 76.2mm]
DCM-USBBB-R5	B	QUICK CONNECT	195.0 ± 3.0 [4953.0 ± 76.2mm]
DCM-USBBT-R5	B	THREADED	195.0 ± 3.0 [4953.0 ± 76.2mm]

NOTES:

1. COUPLING RING AND O-RING ARE SHIPPED ASSEMBLED TO THE CABLE.
2. DIMENSIONS SHOWN ARE IN INCHES [mm].
3. THE CABLE END COMES STRIPPED AND TINNED. THIS IS TYPICAL FOR ALL BREAKOUTS.
4. UNLESS OTHERWISE SPECIFIED, DIMENSIONS WITH TWO DECIMAL PLACES HAVE TOLERANCES OF ±0.02 [±0.5mm].

MATERIALS:

PLUG OVERMOLD BODY & FLEX: THERMOPLASTIC, BLACK  
 COUPLING RING: THERMOPLASTIC, BLACK  
 O-RING: ELASTOMER, RED  
 USB PLUG:  
 INSULATOR: THERMOPLASTIC, WHITE  
 CONTACTS: COPPER ALLOY, GOLD PLATED  
 SHIELD: COPPER ALLOY, TIN PLATED  
 CABLE:  
 OUTER JACKET: PVC, BLACK  
 CONDUCTORS: TINNED COPPER, 28 AWG

ELECTRICAL:

CONTACT RESISTANCE: 30 MILLIOHMS MAXIMUM  
 CONTACT CURRENT RATING: 1.5 A MINIMUM  
 INSULATION RESISTANCE: 1000 MEGAOHMS MINIMUM  
 WITHSTANDING VOLTAGE: 500VAC FOR 1 MINUTE

PRODUCT RATING:

IP66 WHEN MATED  
 USB CABLE: USB 2.0

OTHER:

OPERATING TEMPERATURE: 0 °C TO +50 °C  
 STORAGE TEMPERATURE: -20 °C TO +60 °C

USB 2.0 CABLE WIRING	
PIN	CABLE COLOR
1	RED
2	WHITE (TWISTED PAIR)
3	GREEN (TWISTED PAIR)
4	BLACK
SHIELD	BRAID

**CUSTOMER DRAWING**

**RoHS COMPLIANT**

0A	JGK	6/04/13	DRAWING CREATED PER PROJECT #09013.	
REV.	INIT.	DATE	DESCRIPTION	
	JGK	6/04/13	ORIG. DRAWN BY: JGK DATE: 6/04/13 CHECKED BY: APPROVED BY:	
ALL INFORMATION ILLUSTRATED IS THE PROPERTY OF CONXALL CORPORATION. UNAUTHORIZED DUPLICATION OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED.			601 E. WILDWOOD VILLA PARK, IL 60181	
ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS. UNLESS OTHERWISE SPECIFIED TOLERANCES: 3 PLACE DECIMALS ±.005 ANGLES ±1° FRACTIONS ±1/16 - CRITICAL CHARACTERISTIC FLAG PER SPEC. XXXX			TITLE: USB 2.0 OVERMOLDED CABLE SERIES TYPE A & B DATA-CON-X CUSTOMER: STANDARD PRODUCT	
SCALE	SIZE	SHEET	PART NUMBER: DCM-USB SERIES	
1:1	B	1 OF 1	REV 0A	
FILE:	DIRECTORY:	PART NUMBER:		
DCM-USB SERIES_CD	SLW	DCM-USB SERIES		