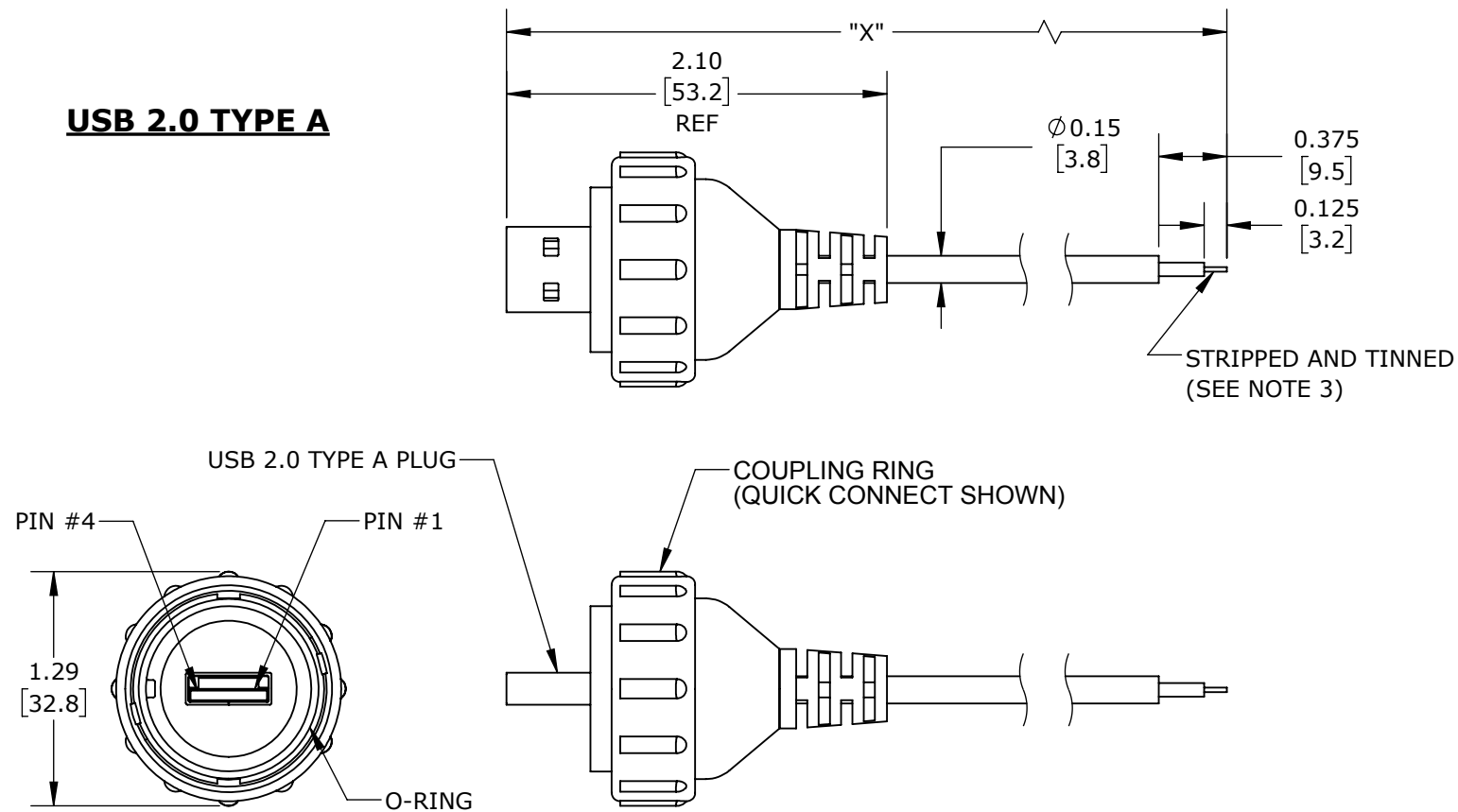


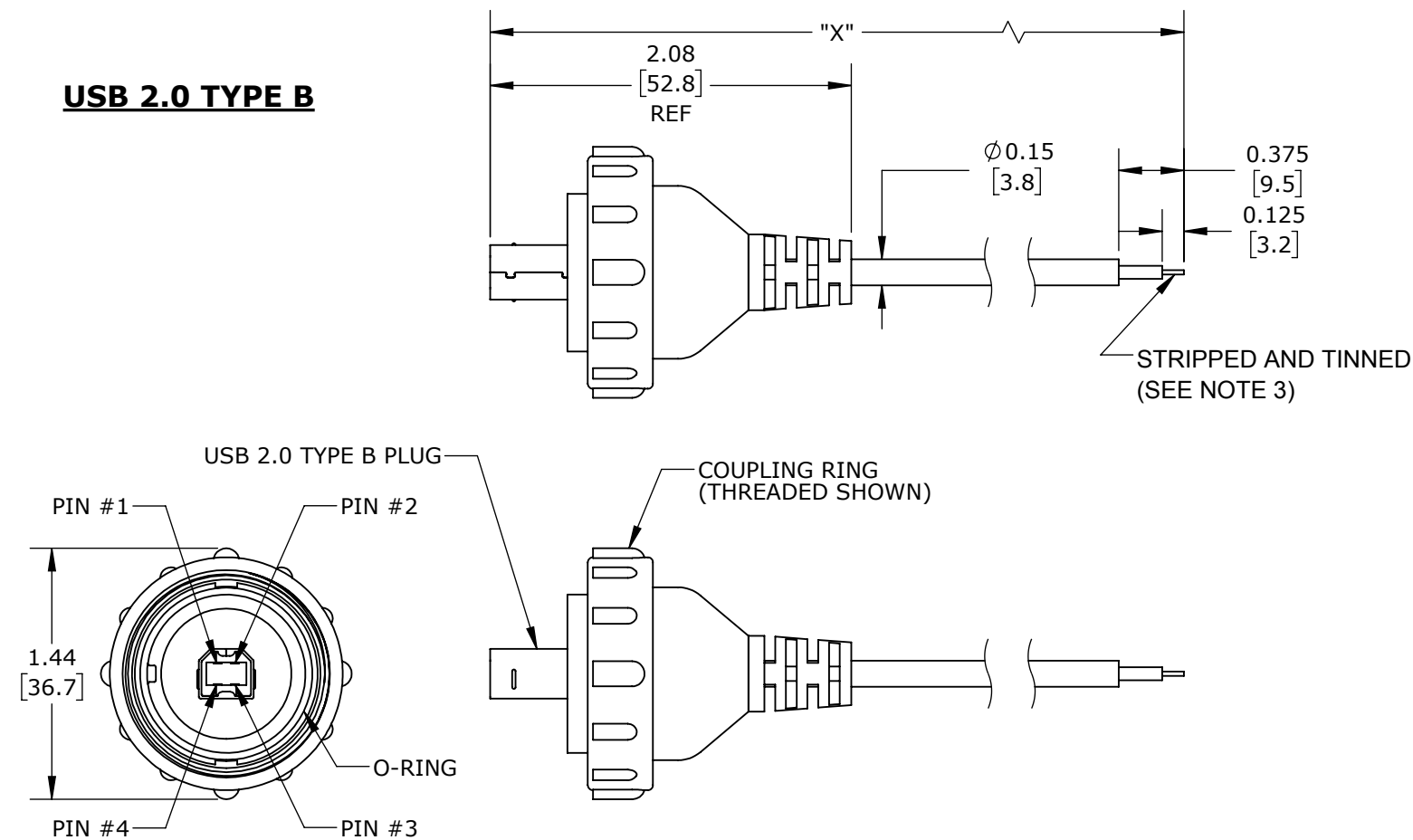
CUSTOMER DRAWING

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:	DATE: 6/04/13
			CHECKED BY:	
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ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS. UNLESS OTHERWISE SPECIFIED TOLERANCES: 3 PLACE DECIMALS ±.005 ANGLES ±1° FRACTIONS ±1/16				
APPROVED BY:			SCALE	SIZE
			1:1	B
			SHEET	1 OF 1
FILE: DCM-USB SERIES_CD			DIRECTORY:	SLW
TITLE: USB 2.0 OVERMOLDED CABLE SERIES TYPE A & B DATA-CON-X			CUSTOMER:	STANDARD PRODUCT
PART NUMBER: DCM-USB SERIES			REV	0A