

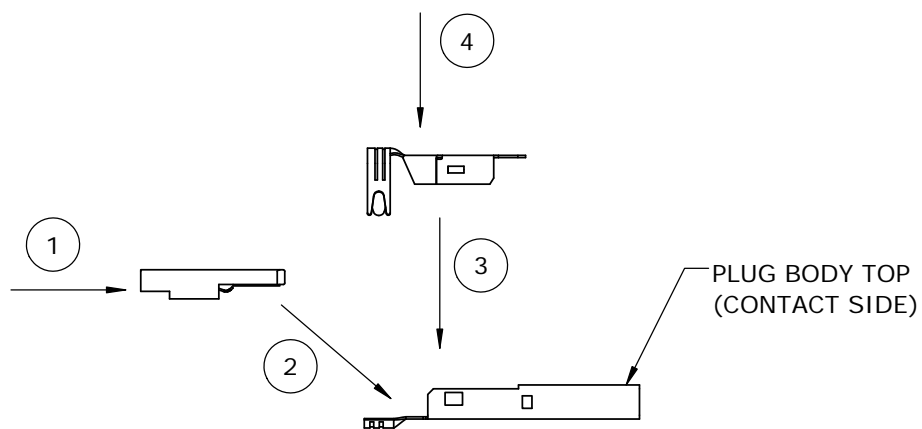
ASSEMBLY INSTRUCTIONS:

- SLIDE THE O-RING ONTO THE FRONT END OF THE PLUG HOUSING UNTIL IT SEATS UP AGAINST THE RIDGE OF THE PLUG HOUSING.
- SLIDE THE COUPLING RING OVER THE PLUG HOUSING.
NOTE: MAKE SURE THE FRONT OF THE COUPLING RING CAN SLIDE PAST THE RIDGE ON THE PLUG HOUSING. IF NOT, IT IS INSERTED THE WRONG WAY.
- SLIDE THE SEALING NUT, SEALING RING, AND PLUG HOUSING/COUPLING RING OVER THE FRONT END OF THE CABLE IN THE FOLLOWING ORDER:
1ST. SEALING NUT.
2ND. SEALING RING.
3RD. PLUG HOUSING/COUPLING RING.
- TERMINATE THE USB PLUG TO THE CABLE.
NOTE: SEE FIGURE 1 FOR TERMINATION GUIDE.
SEE FIGURE 2 FOR RECOMMENDED STRIPPING DETAIL.
SEE FIGURE 4 FOR TYPICAL USB 3.0 WIRING ASSIGNMENT.
- SLIDE THE USB PLUG INTO THE BACK END OF THE INSERT UNTIL IT SNAPS INTO PLACE.
NOTE: SEE FIGURE 5 FOR INSERT AND PLUG ALIGNMENT.
- SLIDE THE INSERT/USB PLUG INTO THE FRONT END OF THE PLUG HOUSING UNTIL IT SNAPS INTO PLACE.
- PUSH THE SEALING RING INTO THE REAR OF THE PLUG HOUSING.
NOTE: NO PART OF THE SEALING RING SHOULD EXTEND PAST THE REAR OF THE PLUG HOUSING.
- SCREW THE SEALING NUT ONTO THE PLUG HOUSING.

RoHS COMPLIANT

A	MA	06-03-2	DRAWING RELEASED PER PDR 12012	
	JGK	4/24/17	SEE PAGE 1.	
REV.	INIT.	DATE	DESCRIPTION	
	JGK	4/24/17	ORIG. DRAWN BY:	DATE: 4/24/17
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			APPROVED BY:	TITLE: INDUSTRIAL USB 3.0 A PLUG FIELD INSTALLABLE DATA-CON-X
SCALE	SIZE	SHEET	CUSTOMER: STANDARD PRODUCT	
NTS	B	1 OF 2	FILE:	PART NUMBER: DCC-US3AX-180 SERIES
- CRITICAL CHARACTERISTIC FLAG PER SPEC. XXXX			DIRECTORY:	REV A
			SLW	

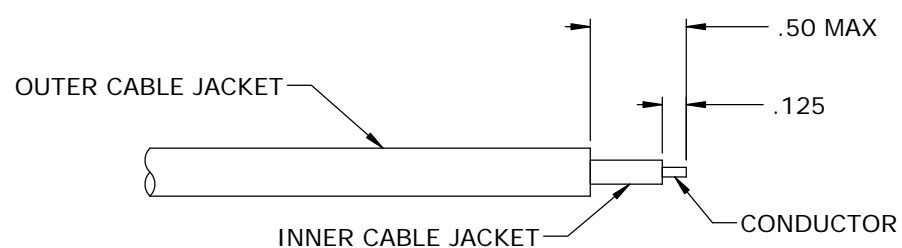
FIGURE 1



USB ASSEMBLY INSTRUCTIONS

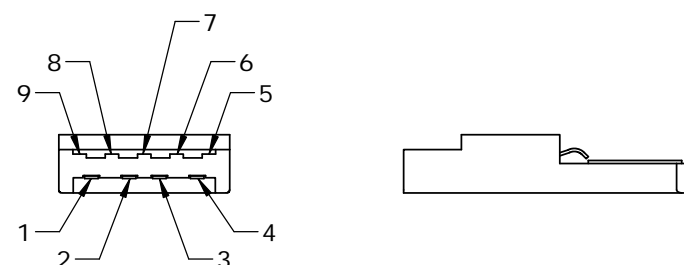
1. SOLDER THE CABLE WIRES TO THE INSULATOR BODY. SEE FIGURE 2 FOR RECOMMENDED CABLE STRIPPING DETAIL AND FIGURE 3 FOR PINOUT. FIGURE 4 SHOWS THE USB 3.0 TYPICAL WIRING ASSIGNMENT.
2. PLACE THE INSULATOR BODY ASSEMBLY INTO THE FRONT SHELL AND PUSH FORWARD UNTIL IT SITS FIRMLY INTO THE FRONT SHELL.
3. SNAP THE BACK SHELL ONTO THE FRONT SHELL.
4. CRIMP THE BACK SHELL CLAMP AROUND THE CABLE JACKET.

FIGURE 2



RECOMMENDED USB 3.0 CABLE STRIPPING DETAIL

FIGURE 3

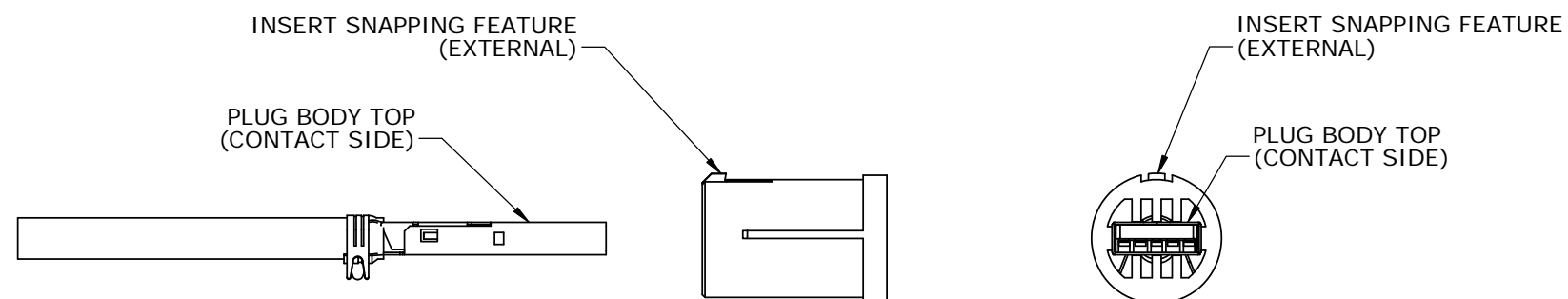


INSULATOR PINOUT DETAIL

FIGURE 4

TYPICAL USB 3.0 A WIRING	
PIN	CABLE COLOR
1	RED
2	WHITE
3	GREEN
4	BLACK
5	BLUE
6	YELLOW
7	DRAIN WIRE
8	PURPLE
9	ORANGE
SHIELD	BRAID

FIGURE 5



THE PLUG BODY TOP AND THE INSERT EXTERNAL FEATURE MUST BE ALIGNED.

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SCALE	SIZE	SHEET	
NTS	B	2 OF 2	
FILE:	DIRECTORY:	PART NUMBER:	REV
DCC-US3AX-180 SERIES_CD	SLW	DCC-US3AX-180 SERIES	A