

NOTES:

1. DCP-US3AB-US3C SHOWN IN EXPLODED VIEW. (USB 3.0 TYPE A RECEPTACLE TO USB 3.0 MICRO TYPE AB WITH QUICK CONNECT COUPLING.)
2. THE USB 3.0 RECEPTACLE STYLES ARE STANDARD TYPE "A" TO MICRO "AB".
3. THE DIMENSION DOES NOT INCLUDE GASKET COMPRESSION.
4. THE PINOUT AND DIMENSIONS ARE TYPICAL FOR ALL VERSIONS.
5. UNLESS OTHERWISE SPECIFIED, DIMENSIONS WITH TWO DECIMAL PLACES HAVE TOLERANCES OF ± 0.02 [± 0.5 mm].

MATERIALS:

GASKET: ELASTOMER, BLACK
HEX NUT: THERMOPLASTIC, BLACK
USB PANEL HOUSING: THERMOPLASTIC, BLACK
USB "A" RECEPTACLE:
SHELL: COPPER ALLOY, NICKEL PLATED
CONTACTS: COPPER ALLOY, GOLD PLATED
INSULATOR: THERMOPLASTIC, BLUE
USB MICRO "AB" RECEPTACLE:
SHELL: COPPER ALLOY, NICKEL PLATED
CONTACTS: COPPER ALLOY, GOLD PLATED
INSULATOR: THERMOPLASTIC, BLACK
PCB: FR-4

ELECTRICAL:

CURRENT RATING: 1.5 A
CONTACT RESISTANCE: 50 MILLIOHMS MAX
INSULATION RESISTANCE: 100 MEGAOHMS MINIMUM
DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE

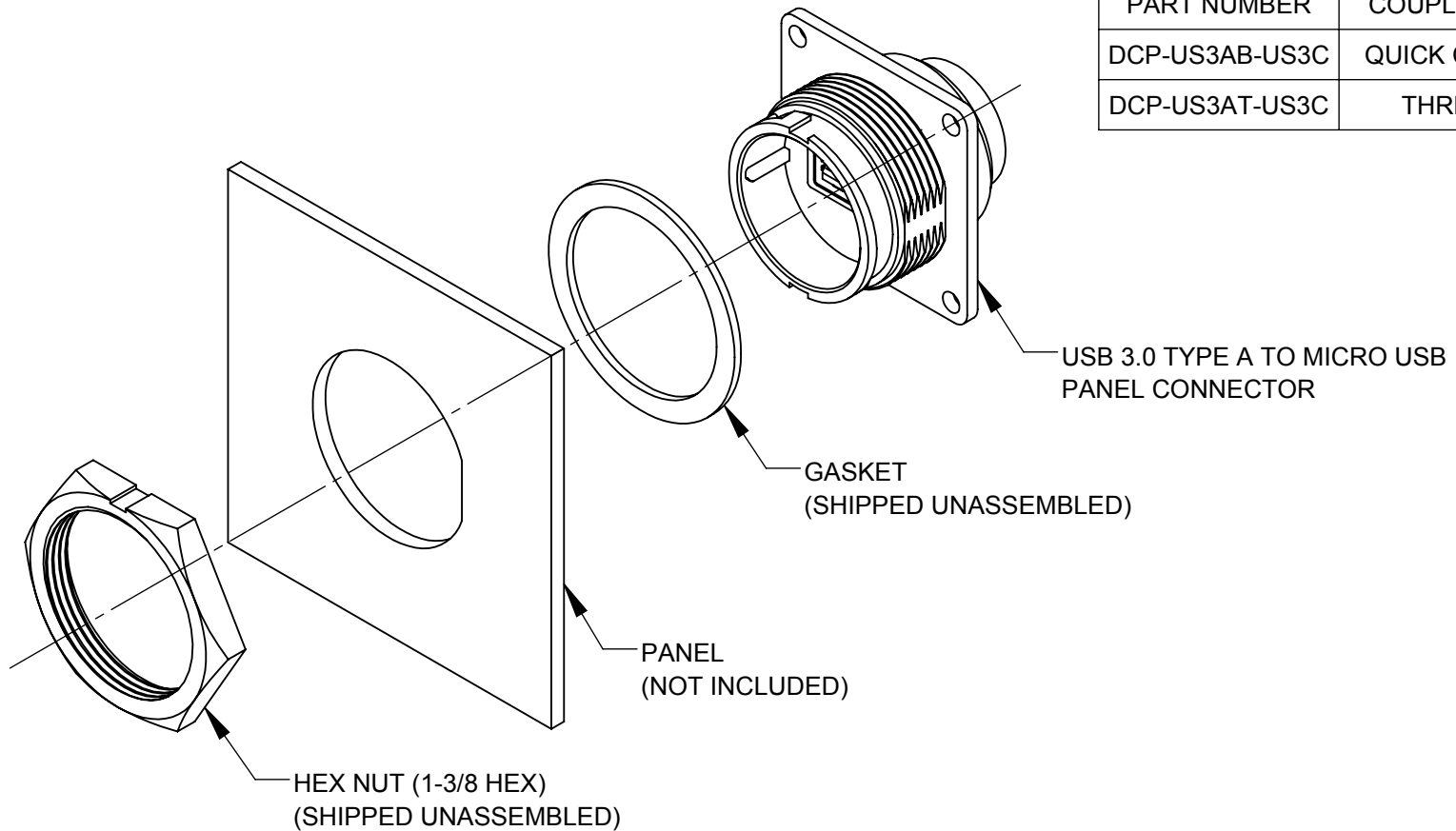
PRODUCT RATING:

IP-67 & IP-68, NEMA 250 (6P), WHEN MATED

OTHER:

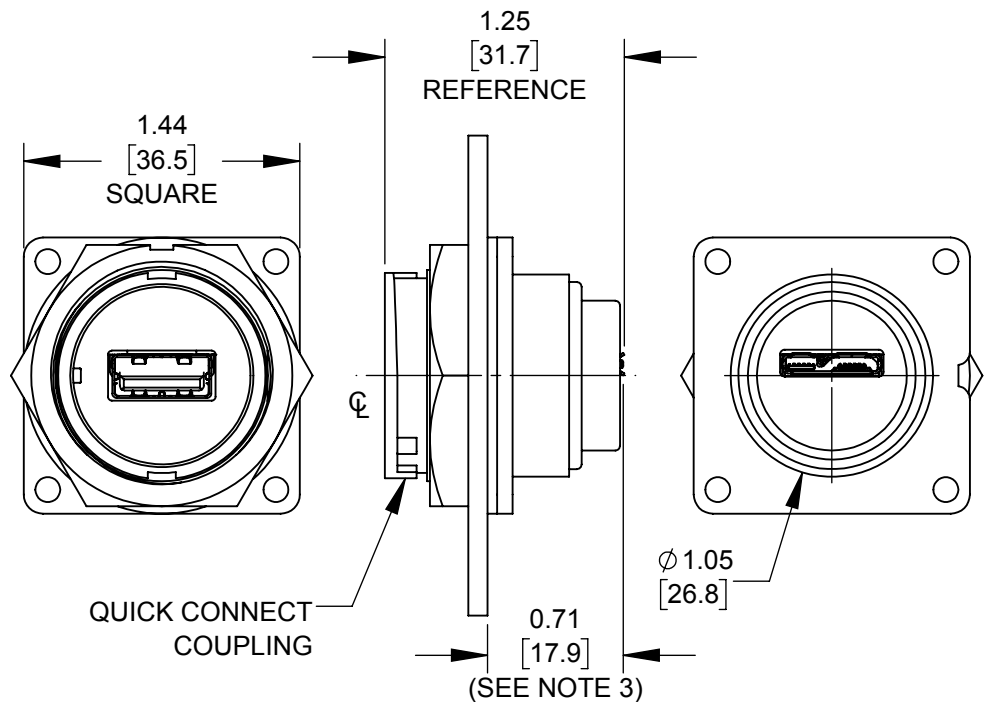
OPERATING TEMPERATURE: -25°C TO $+80^{\circ}\text{C}$ [-13°F TO $+176^{\circ}\text{F}$]
RECOMMENDED PANEL THICKNESS:
QUICK CONNECT COUPLING: 1/32" TO 3/16" (0.8mm to 4.8mm)
THREADED COUPLING: 1/32" TO 5/32" (0.8mm to 3.9mm)

PART NUMBER	COUPLING TYPE	DESCRIPTION
DCP-US3AB-US3C	QUICK CONNECT	USB 3.0 TYPE A TO MICRO 3.0 AB
DCP-US3AT-US3C	THREADED	USB 3.0 TYPE A TO MICRO 3.0 AB



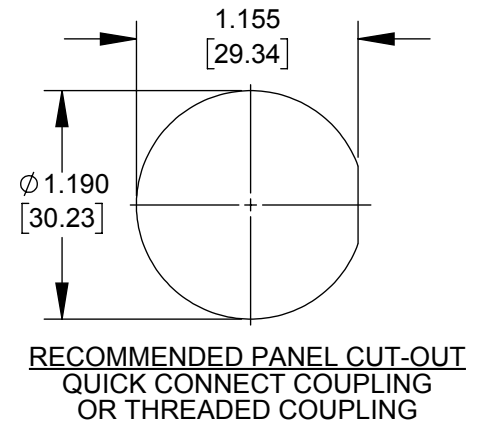
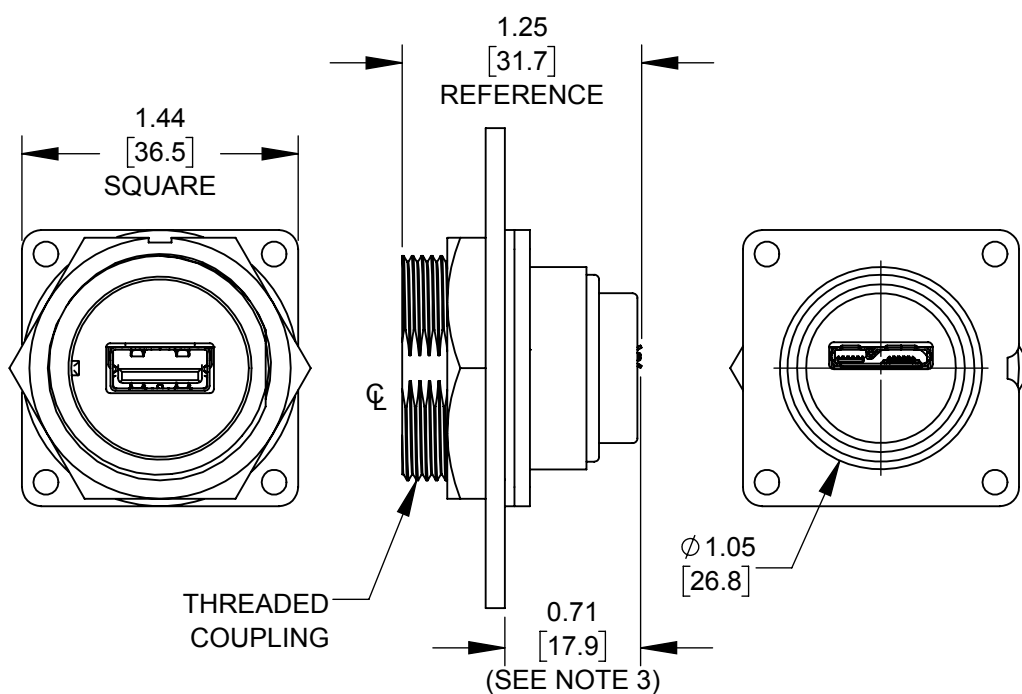
DCP-US3AB-US3C SHOWN

(USB 3.0 TYPE A TO MICRO 3.0 WITH QUICK CONNECT COUPLING)



DCP-US3AT-US3C SHOWN

(USB 3.0 TYPE A TO MICRO 3.0 WITH THREADED COUPLING)




DIMENSIONS IN BRACKET [] ARE METRIC.

RoHS COMPLIANT

PRELIMINARY

CUSTOMER DRAWING

0A		JGK	4/24/17		DRAWING CREATED FOR PROJECT #12012.						
REV.		INIT.		DATE		DESCRIPTION					
ALL INFORMATION ILLUSTRATED IS THE PROPERTY OF "CONXALL CORPORATION." UNAUTHORIZED DUPLICATION OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED.						ORIG. DRAWN BY: JGK		DATE: 4/24/17		 601 E. WILDWOOD VILLA PARK, IL 60181	
						CHECKED BY:					
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						APPROVED BY:		TITLE: USB A 3.0 TO MICRO AB 3.0 INDUSTRIAL PANEL CONNECTOR DATA-CON-X			
						SCALE 1:1		SIZE B		SHEET 1 OF 1	
FILE: DCP-US3AX SERIES_CD						DIRECTORY: SLW		PART NUMBER: DCP-US3AX-US3C SERIES		REV 0A	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Switchcraft:

[DCP-US3AT-US3C](#) [DCP-US3AB-US3C](#)