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
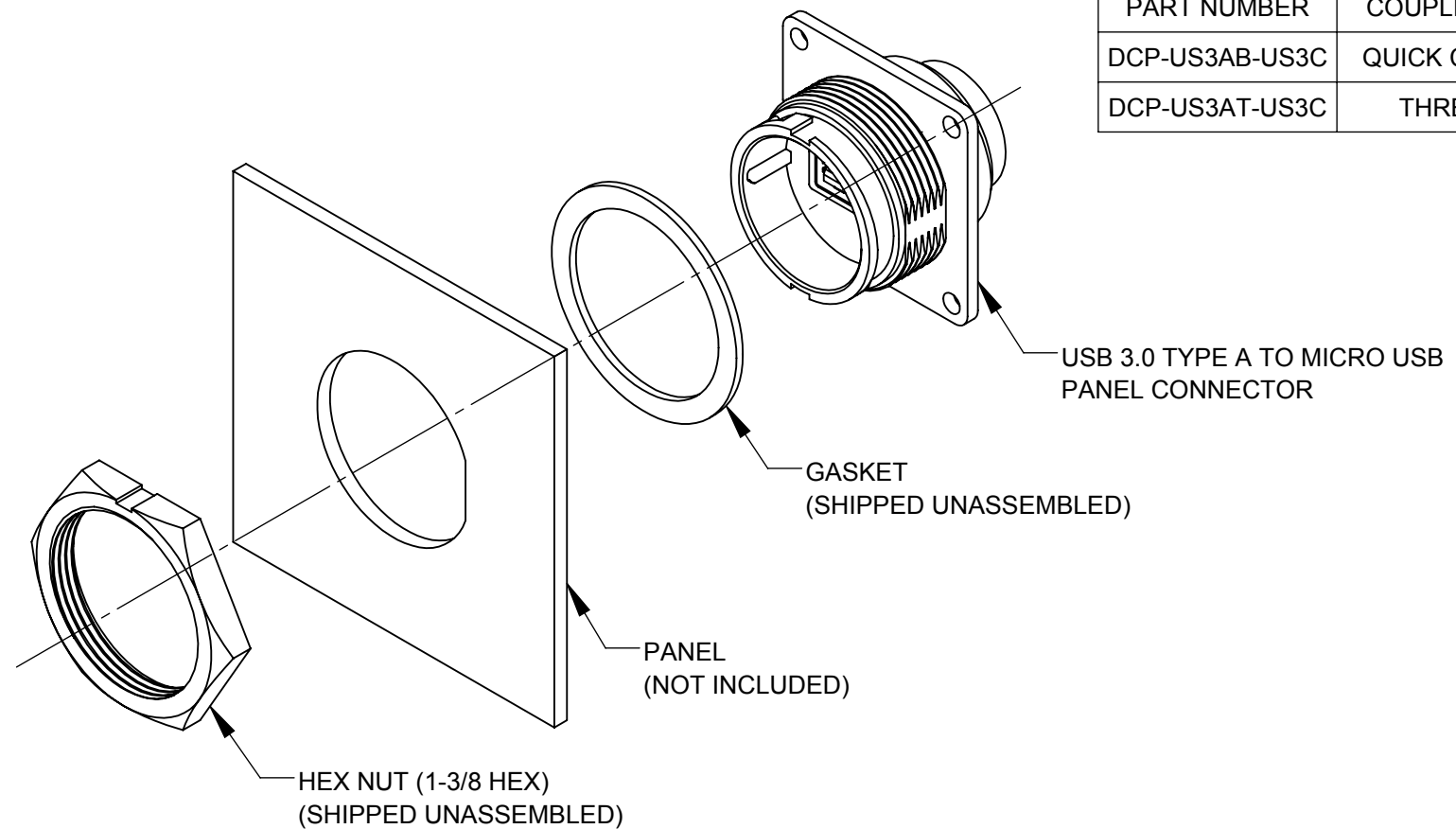   DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR 1 MINUTE

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

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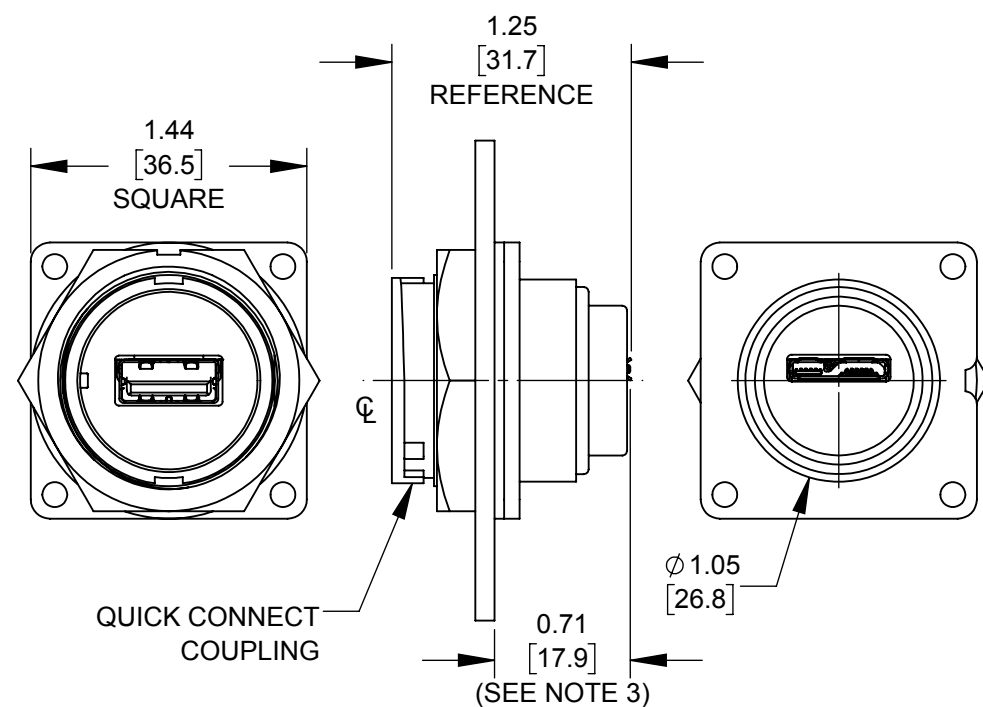   OPERATING TEMPERATURE: -25°C TO +80°C [-13°F TO +176°F]
    RECOMMENDED PANEL THICKNESS:
        QUICK CONNECT COUPLING: 1/32" TO 3/16" (0.8mm to 4.8mm)
        THREADED COUPLING: 1/32" TO 5/32" (0.8mm to 3.9mm)

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

USB 3.0 TYPE A TO MICRO USB PANEL CONNECTOR

GASKET (SHIPPED UNASSEMBLED)

PANEL (NOT INCLUDED)

HEX NUT (1-3/8 HEX) (SHIPPED UNASSEMBLED)

DCP-US3AB-US3C SHOWN
(USB 3.0 TYPE A TO MICRO 3.0 WITH QUICK CONNECT COUPLING)

1.25 [31.7] REFERENCE

1.44 [36.5] SQUARE

Ø1.05 [26.8]

QUICK CONNECT COUPLING

0.71 [17.9] (SEE NOTE 3)

DCP-US3AT-US3C SHOWN
(USB 3.0 TYPE A TO MICRO 3.0 WITH THREADED COUPLING)

1.25 [31.7] REFERENCE

1.44 [36.5] SQUARE

Ø1.05 [26.8]

THREADED COUPLING

0.71 [17.9] (SEE NOTE 3)

1.155 [29.34]

Ø1.190 [30.23]

RECOMMENDED PANEL CUT-OUT
QUICK CONNECT COUPLING OR THREADED COUPLING
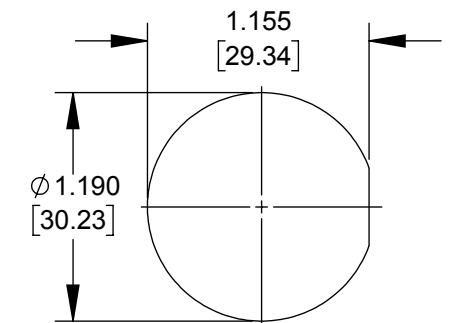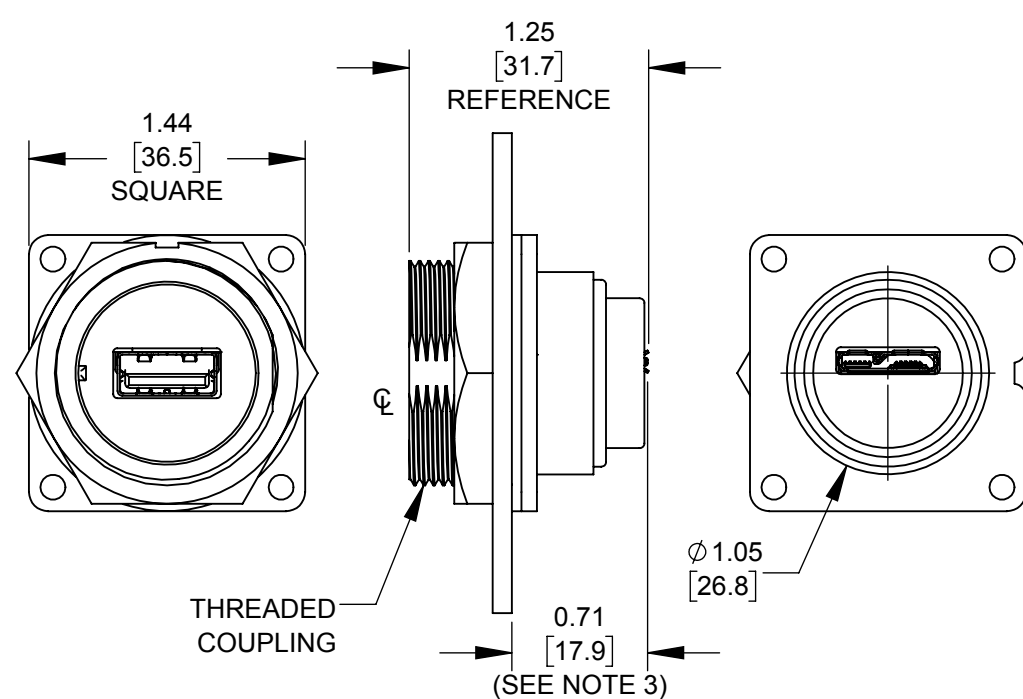
DIMENSIONS IN BRACKET [ ] ARE METRIC.

RoHS COMPLIANT

PRELIMINARY

CUSTOMER DRAWING

REV.	INIT.	DATE	DESCRIPTION
0A	JGK	4/24/17	DRAWING CREATED FOR PROJECT #12012.

ORIG. DRAWN BY: JGK   DATE: 4/24/17
CHECKED BY:
APPROVED 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

conxall
601 E. WILDWOOD VILLA PARK, IL 60181

TITLE: USB A 3.0 TO MICRO AB 3.0 INDUSTRIAL PANEL CONNECTOR DATA-CON-X
CUSTOMER: STANDARD PRODUCT

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

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[Switchcraft](#):

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