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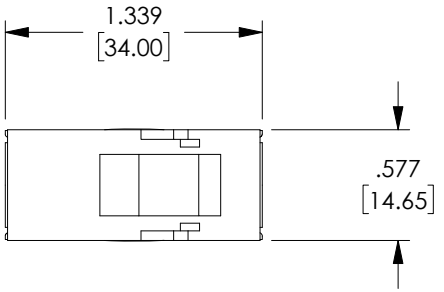
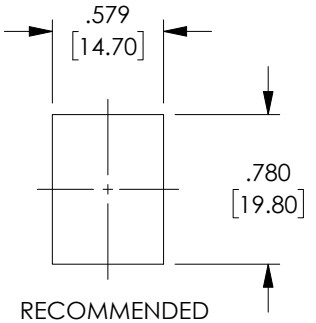
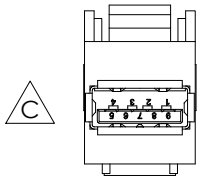
REVISIONS

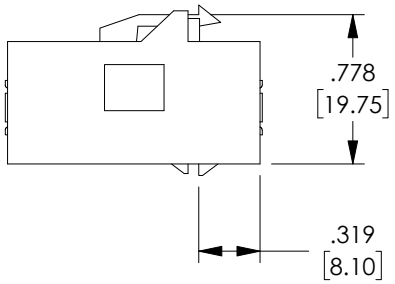
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/11/2017	JLABOY
B	ECN 9857: ADDED RECOMMENDED PANEL CUTOUT, REVISED NOTES	05/15/2019	DFRISIELLO
C	ECN 10531: REVISED CONNECTOR FRAME, ROTATED CONNECTORS	06/01/2020	GUTTADAURO

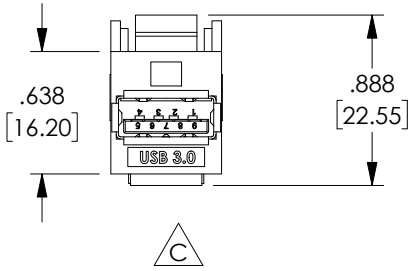




RECOMMENDED
PANEL CUTOUT







MATERIALS
HOUSING: PC-ABS UL94 V-0, BLACK
PCB: FR4, 1.6MM

USB CONNECTOR:
INSULATOR: PBT, UL94 V-0
SHELL: STAINLESS STEEL, NICKEL PLATED
JACK CONTACTS 5 PIN: COPPER ALLOY, 1µ INCH GOLD PLATE
JACK CONTACTS 4 PIN: PHOSPHOR BRONZE, 1µ INCH GOLD PLATE
CONTACT FINISH: COPPER ALLOY, GOLD PLATED ON CONTACT AREA MATTE TIN
80U" MIN. PLATED ON SOLDER TAILS, NICKEL UNDER PLATED.

PERFORMANCE:
UNIVERSAL SERIAL BUS 3.0 UP TO 5 GBPS

ELECTRICAL CHARACTERISTICS:
CONTACT RESISTANCE: ≤30 MΩ
INSULATION RESISTANCE: ≥1000 MΩ
VOLTAGE PROOF: ≥500 V, AC
TEMPERATURE: -40°C TO +70°C

CURRENT CARRYING CAPACITY:
SIGNAL CONTACTS AT 98°C: ≤1 A
POWER CONTACTS AT 90°C: ≤3 A

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm]
OVERALL CABLE LENGTH TOLERANCE:
≤12 [305] = +1 [25] / -0
>12 [305] ≤60 [1524] = +2 [51] / -0
>60 [1524] ≤120 [3048] = +4 [102] / -0
>120 [3048] ≤300 [7620] = +6 [152] / -0
>300 [7620] = +5% / -0
ALL OTHER DIMENSIONAL TOLERANCES:
.X = ± .2 [5]
.XX = ± .02 [.5]
.XXX = ± .005 [.13]
FRACTIONS ± 1/32
ANGLES ± 1°
THIRD-ANGLE PROJECTION

APPROVALS	DATE
DRAWN BY RCLARK	08/11/2017
CHECKED BY JLABOY	08/14/2017
APPROVED BY BGATES	08/14/2017

CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY

COLOR VARIATIONS MAY OCCUR

L-com an INFINITE brand
50 High Street, West Mill,
North Andover, MA 01845 USA.
Phone: 1.800.341.5266
1.978.682.6936

CATEGORY: USB

PRODUCT DESCRIPTION: ADPT, USB KEYSTONE A-A

SIZE	CAGE CODE	ITEM NO.	REV.
A	43321	U3C00029	C

SCALE: NONE | CAD FILE: U3C00029.SLDDRW | SHEET 1 OF 1

T-Rev.D