

CUSTOMER PRINT

PART NUMBER: DCP-HD19X-HD SERIES

PART NUMBER	COUPLING TYPE
DCP-HD19B-HD	QUICK CONNECT
DCP-HD19T-HD	THREADED

NOTES:

- DCP-HD19T-HD SHOWN IN EXPLODED VIEW. (*HDMI-STYLE CONNECTOR TO 20 PIN HEADER WITH THREADED COUPLING.)
- THE *HDMI-STYLE CONNECTOR STYLE IS TYPE "A".
- THE DIMENSION DOES NOT INCLUDE GASKET COMPRESSION.
- THE HEADER PINOUT IS TYPICAL FOR ALL VERSIONS.
- THE NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON THE PART.
- UNLESS OTHERWISE SPECIFIED, DIMENSIONS WITH TWO DECIMAL PLACES HAVE TOLERANCES OF ±0.02.

MATERIALS:

GASKET: ELASTOMER, BLACK
 HEX NUT: THERMOPLASTIC, BLACK
 HDMI PANEL HOUSING: THERMOPLASTIC, BLACK
 HDMI CONNECTOR:
 SHELL: COPPER ALLOY, TIN PLATED
 CONTACTS: COPPER ALLOY, SELECTIVE GOLD PLATED
 INSULATOR: THERMOPLASTIC, BLACK
 20 PIN HEADER:
 CONTACTS: COPPER ALLOY, GOLD PLATED
 INSULATOR: THERMOPLASTIC, BLACK
 PCB: FR-4

ELECTRICAL:

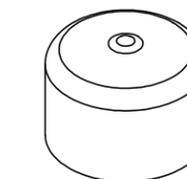
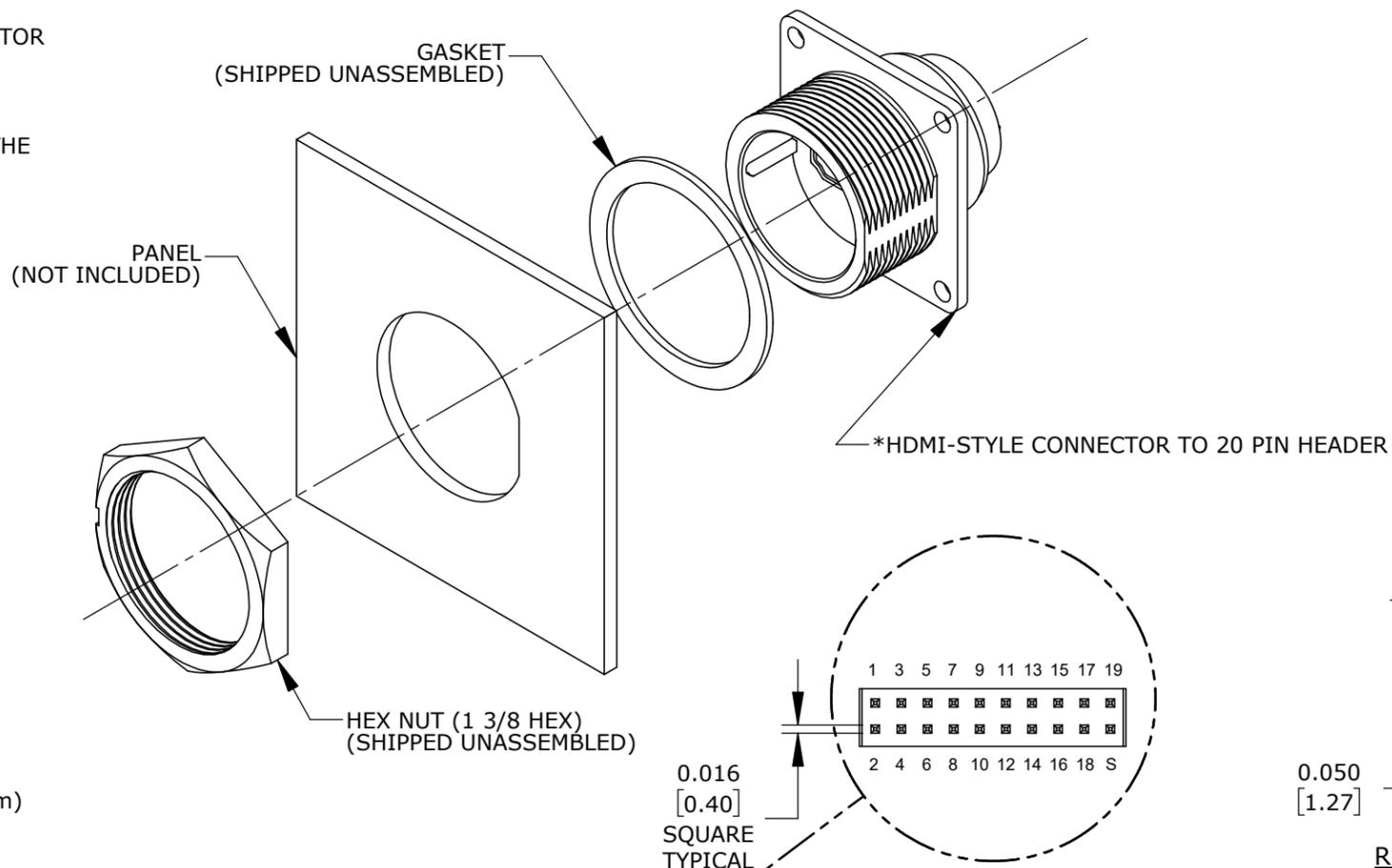
CURRENT RATING: 1A MINIMUM
 CONTACT RESISTANCE: 50 MILLIOHMS MAXIMUM
 INSULATION RESISTANCE: 10 MEGAOHMS MINIMUM (MATED)
 DIELECTRIC WITHSTANDING VOLTAGE: 300V AC (MATED)

PRODUCT RATING:

IP67 & IP68, NEMA 250 (6P), WHEN MATED

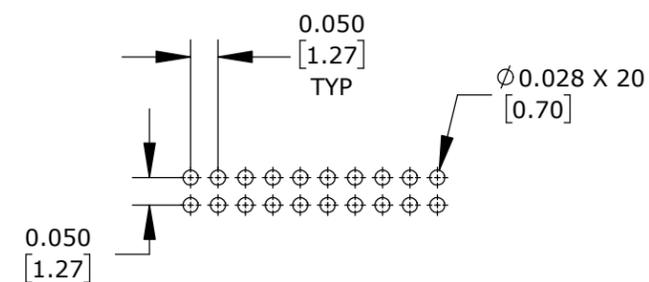
OTHER:

OPERATING TEMPERATURE: -20 °C TO +80 °C [-4 °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)

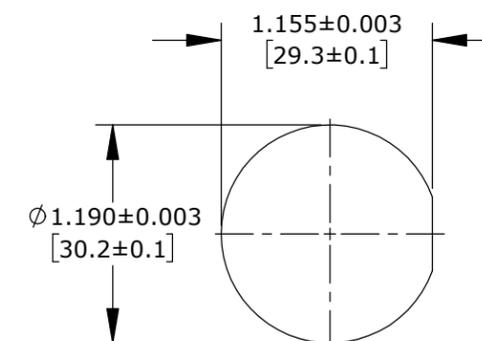


DUST CAP

DETAIL A (SEE NOTE 4 & 5)

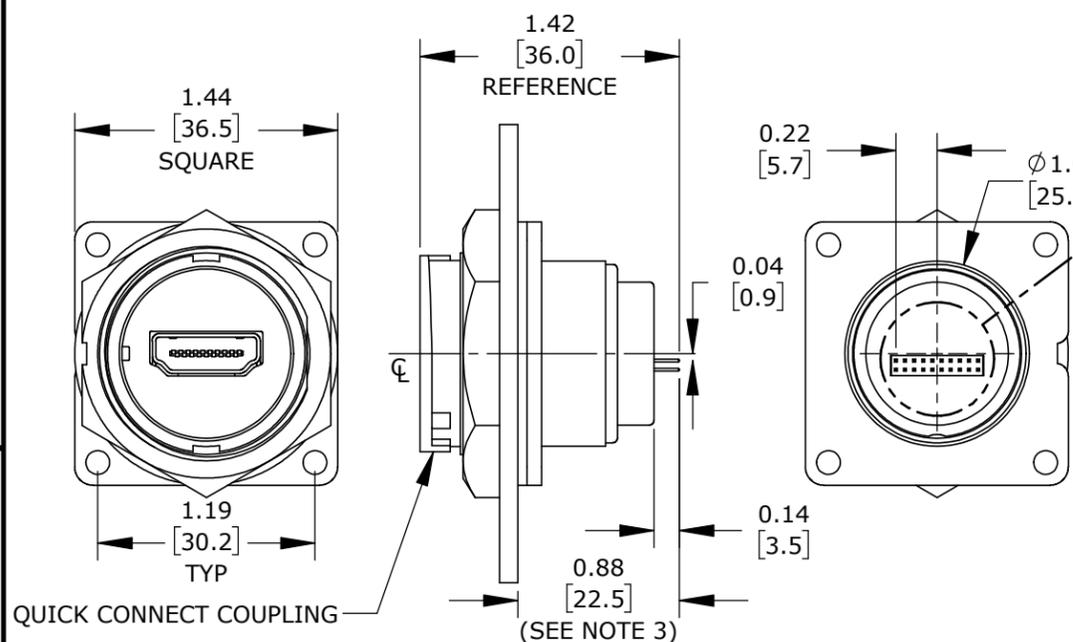


RECOMMENDED PCB HOLE LAYOUT

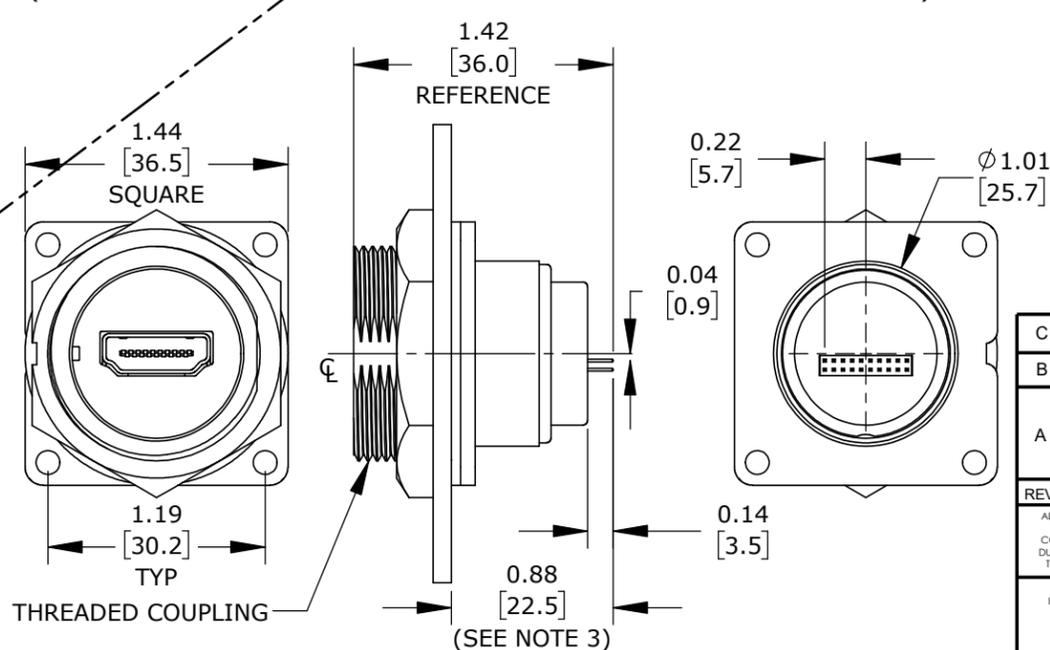


RECOMMENDED PANEL CUT-OUT QUICK CONNECT COUPLING OR THREADED COUPLING

DCP-HD19B-HD SHOWN (*HDMI-STYLE CONNECTOR TO HEADER WITH QUICK-CONNECT COUPLING)



DCP-HD19T-HD SHOWN (*HDMI-STYLE CONNECTOR TO HEADER WITH THREADED COUPLING)



*HDMI IS A REGISTERED TRADEMARK OF HDMI LICENSING LLC CORPORATION

DIMENSIONS IN BRACKET [] ARE METRIC.

RoHS COMPLIANT

REV.	INIT.	DATE	DESCRIPTION
C	SS	07-26-21	DRAWING NUMBER WAS DCP-HDMIX-HD SERIES PER ECR 9593
B	MA	03-13-18	ADDED "*".....-STYLE" TO ALL REFERENCES OF HDMI PER DOR 12003 #3
A	AN	02-09-17	DRAWING RELEASED PER DCR 12003
	JGK	11-12-15	ADDED FLANGE HOLE DIMENSIONS.
	JGK	05-22-13	DRAWING CREATED PER PROJECT #12003.

ALL INFORMATION ILLUSTRATED IS THE PROPERTY OF CONXALL CORPORATION. UNAUTHORIZED DUPLICATION OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED.	ORIG. DRAWN BY: JGK	DATE: 5/22/13	<p>601 E. WILDWOOD VILLA PARK, IL 60181</p>			
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	CHECKED BY:	APPROVED BY:		<p>TITLE: *HDMI-STYLE PANEL CONNECTOR *HDMI-STYLE TO 20 PIN HEADER DATA-CON-X</p> <p>CUSTOMER: STANDARD PRODUCT</p>		
SCALE: NTS	SIZE: B	SHEET: 1 OF 1	<p>FILE: DCP-HD19X-HD SERIES_CD</p>	DIRECTORY: SLW	PART NUMBER: DCP-HD19X-HD SERIES	REV: c