

PART NUMBER	COUPLING TYPE
DCC-HD19B-310	QUICK CONNECT
DCC-HD19T-310	THREADED

NOTES:

- (B) 1. DCC-HD19T-310 SHOWN IN EXPLODED VIEW. (FIELD INSTALLABLE *HDMI-STYLE CABLE PLUG WITH THREADED COUPLING.)
2. THE FIELD INSTALLABLE *HDMI-STYLE CABLE PLUG IS TYPE "A".
3. PARTS COME UNASSEMBLED AND INDIVIDUALLY BAGGED.
4. SEE SHEET 2 FOR ASSEMBLY INSTRUCTIONS.
5. UNLESS OTHERWISE SPECIFIED, DIMENSIONS WITH TWO DECIMAL PLACES HAVE TOLERANCES OF ±0.02

ELECTRICAL:

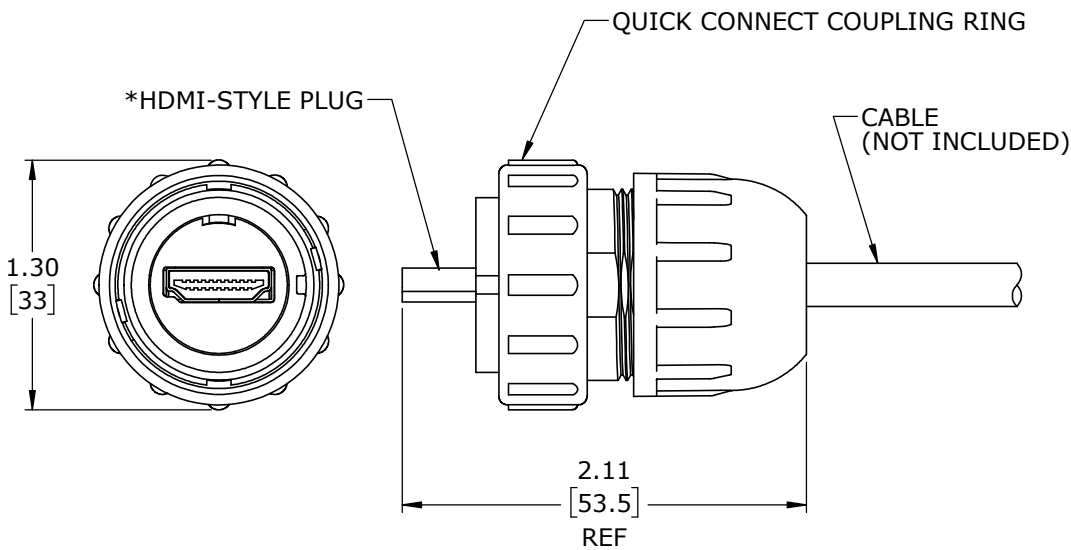
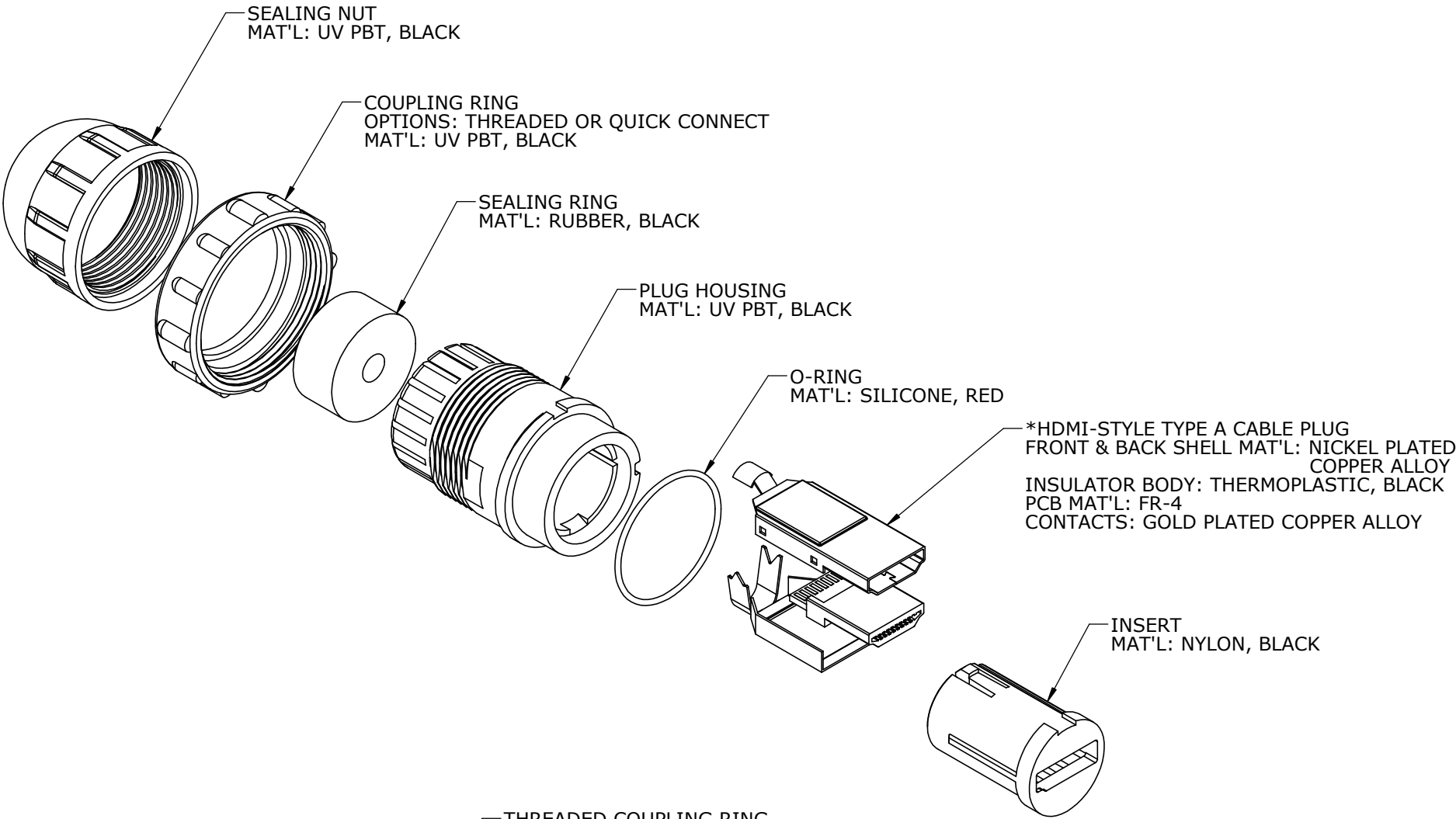
CONTACT RESISTANCE: 50 MILLIOHMS MAXIMUM
INSULATION RESISTANCE: 100 MEGAOHMS MINIMUM
WITHSTANDING VOLTAGE: 500V AC
CONTACT CURRENT RATING: 0.5 AMPS

PRODUCT RATING:

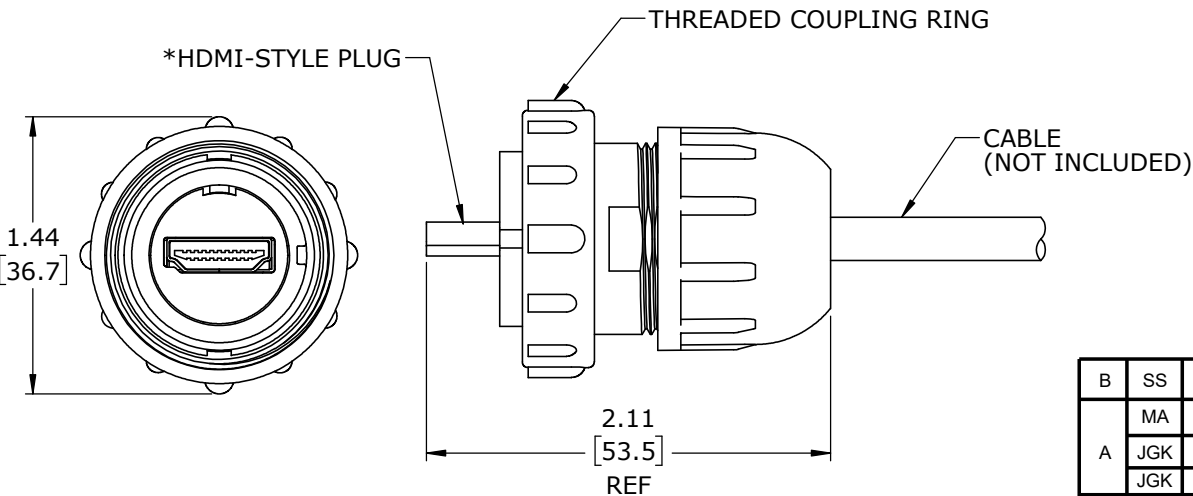
IP67 & IP68, NEMA 250 (6P), WHEN MATED

OTHER:

OPERATING TEMPERATURE: -20 °C TO +80 °C [-4 °F TO +176 °F]
RECOMMENDED CABLE TYPE: HDMI HIGH SPEED
RECOMMENDED CABLE O.D. RANGE: Ø0.197 TO Ø0.236 [Ø5.0mm TO Ø6.0mm]



INDUSTRIAL *HDMI-STYLE CABLE PLUG
QUICK CONNECT COUPLING
(B) (DCC-HD19B-310 SHOWN)



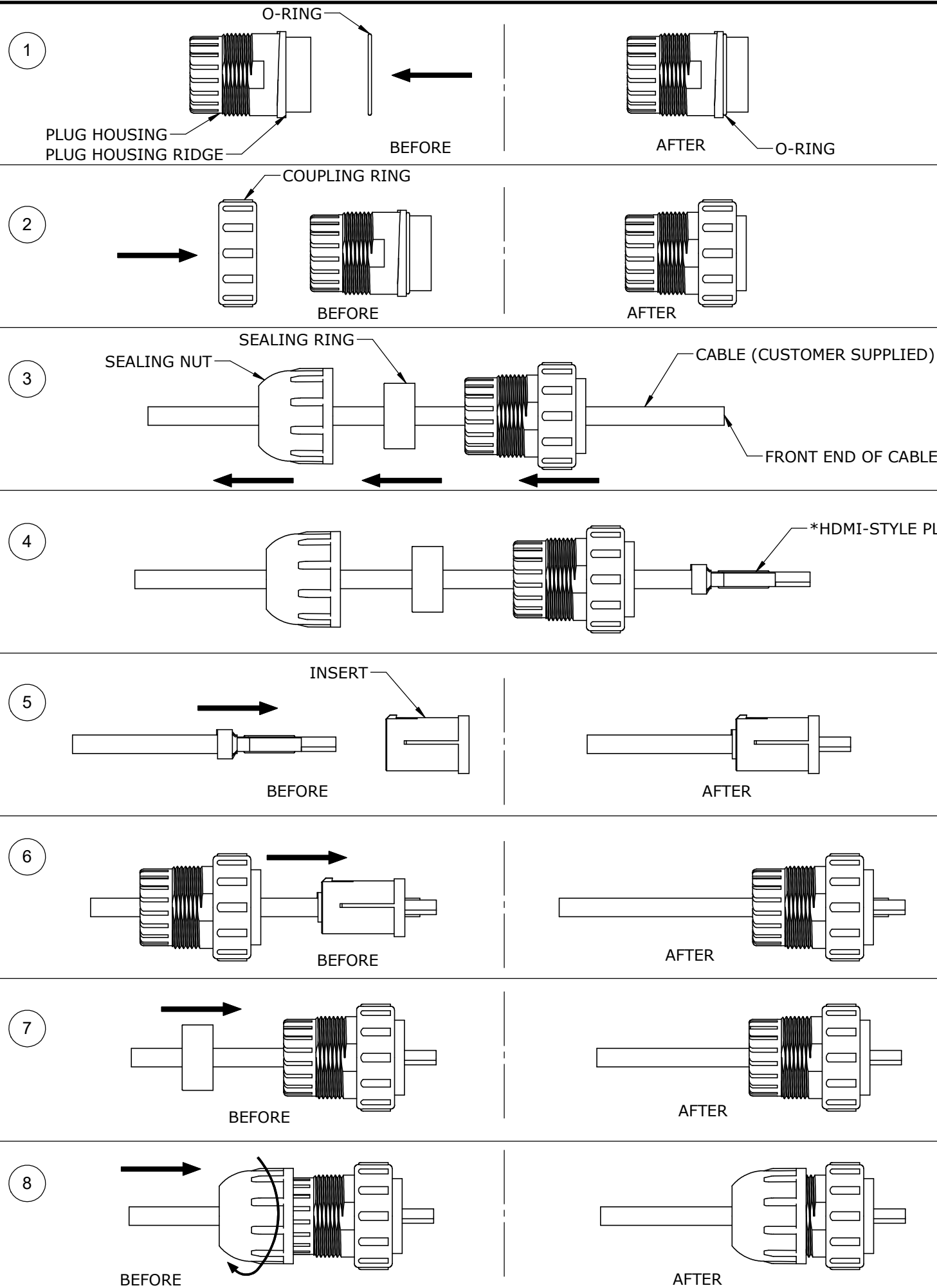
INDUSTRIAL *HDMI-STYLE CABLE PLUG
THREADED COUPLING
(B) (DCC-HD19T-310 SHOWN)

*HDMI IS A REGISTERED TRADEMARK OF HDMI LICENSING LLC CORPORATION

DIMENSIONS IN BRACKETS [] ARE METRIC.

RoHS COMPLIANT

B	SS	07-26-21	DRAWING NUMBER WAS DCC-HDMI SERIES PER ECR 9593
	MA	01-29-18	DRAWING RELEASED PER PDR 12003
A	JGK	10/13/15	UPDATED MODEL.
	JGK	5/22/13	DRAWING CREATED PER PROJECT #12003.
REV.	INIT.	DATE	DESCRIPTION
	JGK	5/22/13	ALL INFORMATION ILLUSTRATED IS THE PROPERTY OF "CONXALL CORPORATION". UNAUTHORIZED DUPLICATION OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED.
			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
ORIG. DRAWN BY:		DATE:	conxall 601 E. WILDWOOD VILLA PARK, IL 60181
CHECKED BY:			
APPROVED BY:			TITLE: INDUSTRIAL *HDMI-STYLE PLUG FIELD INSTALLABLE DATA-CON-X
SCALE			
NTS	B	SHEET	CUSTOMER: STANDARD PRODUCT
FILE:	DIRECTORY:	PART	
DCC-HD19 SERIES	SLW	1 OF 3	PART NUMBER: DCC-HD19 SERIES
			REV B

**ASSEMBLY INSTRUCTIONS:**

1. SLIDE THE O-RING ONTO THE FRONT END OF THE PLUG HOUSING UNTIL IT SEATS UP AGAINST THE RIDGE OF THE PLUG HOUSING.
2. 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.
3. 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.
4. TERMINATE THE *HDMI-STYLE PLUG TO THE CABLE.
NOTE: SEE FIGURE 1 FOR *HDMI-STYLE PLUG ASSEMBLY INSTRUCTIONS.
SEE FIGURE 3 FOR RECOMMENDED STRIPPING DETAIL.
5. SLIDE THE *HDMI-STYLE PLUG INTO THE BACK END OF THE INSERT UNTIL IT SNAPS INTO PLACE.
NOTE: SEE FIGURE 2 FOR INSERT AND PLUG ALIGNMENT GUIDE.
6. SLIDE THE INSERT/*HDMI-STYLE PLUG INTO THE FRONT END OF THE PLUG HOUSING UNTIL IT SNAPS INTO PLACE.
7. 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.
8. SCREW THE SEALING NUT ONTO THE PLUG HOUSING. THE RECOMMENDED TIGHTENING TORQUE IS 10-12 IN-LBS FORCE.
NOTE: MAKE SURE THAT THE SEALING RING SQUEEZES TIGHTLY AROUND THE CABLE O.D.

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RoHS COMPLIANT


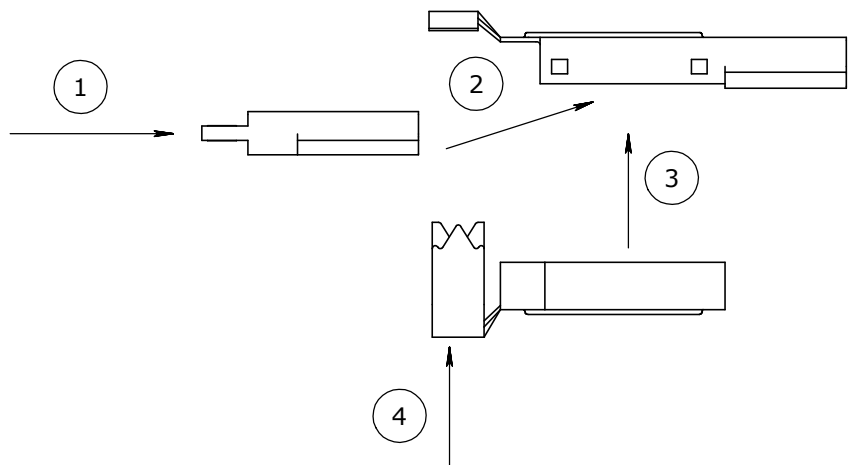
B	SS	07-26-21	DRAWING NUMBER WAS DCC-HDMI SERIES PER ECR 9593				
A	MA	01-29-18	DRAWING RELEASED PER PDR 12003				
	JGK	10/13/15	UPDATED MODEL.				
	JGK	5/22/13	DRAWING CREATED PER PROJECT #12003.				
REV.	INIT.	DATE	DESCRIPTION				
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			JGK 5/22/13				
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. XXXXX			CHECKED BY:				TITLE: INDUSTRIAL *HDMI-STYLE PLUG FIELD INSTALLABLE DATA-CON-X STANDARD PRODUCT
			APPROVED BY:				
			SCALE	SIZE	SHEET	CUSTOMER: STANDARD PRODUCT	
			NTS	B	2 OF 3		
FILE: DCC-HD19 SERIES			DIRECTORY: SLW		PART NUMBER: DCC-HD19 SERIES	REV B	

FIGURE 1



***HDMI-STYLE PLUG ASSEMBLY INSTRUCTIONS**

- 1. SOLDER THE CABLE WIRES TO THE PCB BODY. SEE FIGURE 3 FOR RECOMMENDED CABLE STRIPPING DETAILS.
- 2. PLACE THE PCB BODY 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.

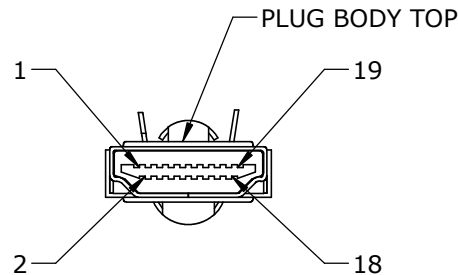
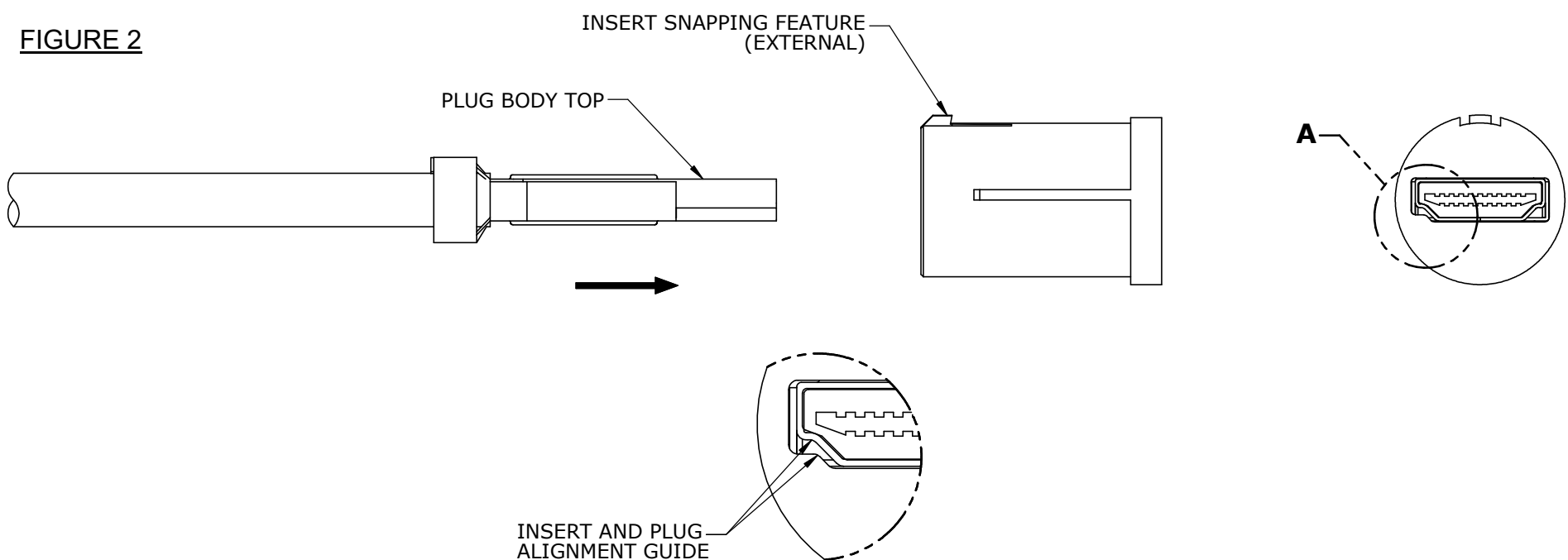
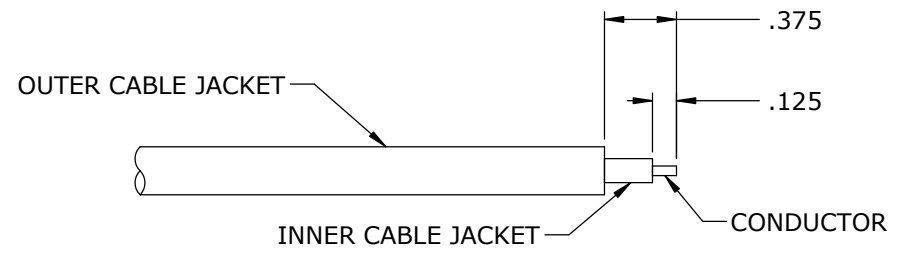


FIGURE 2



DETAIL A

FIGURE 3



RECOMMENDED *HDMI-STYLE CABLE STRIPPING DETAIL

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			SCALE NTS	SIZE B
			SHEET 3 OF 3	
			FILE: DCC-HD19 SERIES	DIRECTORY: SLW
			PART NUMBER: DCC-HD19 SERIES	REV B

601 E. WILDWOOD VILLA PARK, IL 60181

TITLE: INDUSTRIAL *HDMI-STYLE PLUG
FIELD INSTALLABLE
DATA-CON-X
CUSTOMER: STANDARD PRODUCT

Mouser Electronics

Authorized Distributor

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[DCC-HD19T-310](#)