1

O-RING
PLUG HOUSING
PLUG HOUSING RIDGE
BEFORE
AFTER
O-RING

2

COUPLING RING
BEFORE
AFTER

3

SEALING RING
SEALING NUT
CABLE (CUSTOMER SUPPLIED)
FRONT END OF CABLE

4

*HDMI-STYLE PLUG

5

INSERT
BEFORE
AFTER

6

BEFORE
AFTER

7

BEFORE
AFTER

8

BEFORE
AFTER

*HDMI IS A REGISTERED TRADEMARK OF HDMI LICENSING LLC CORPORATION
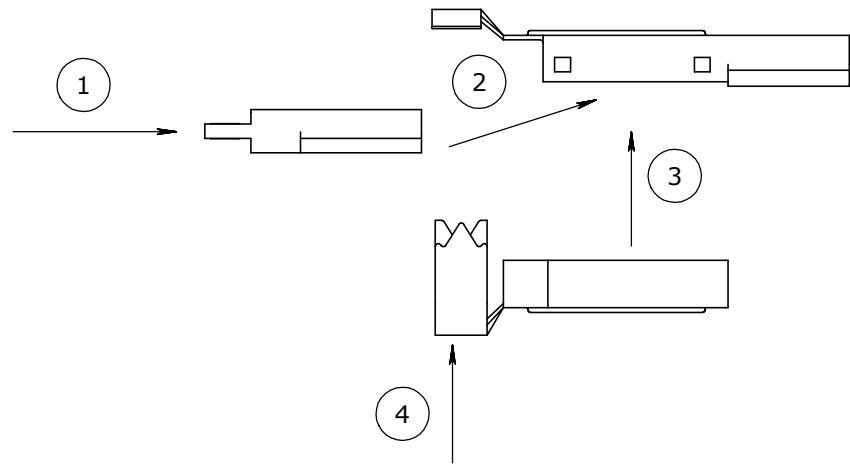
RoHS COMPLIANT

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.

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.
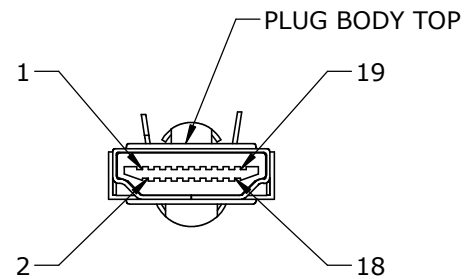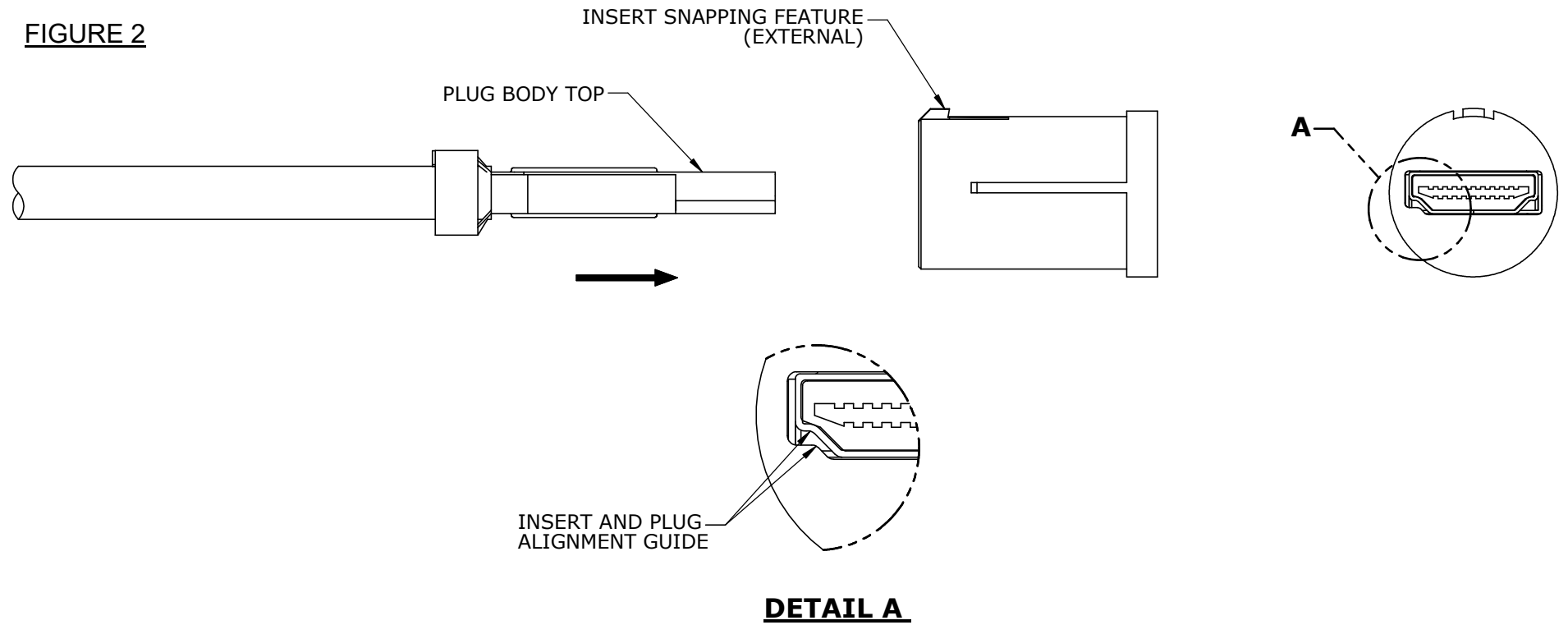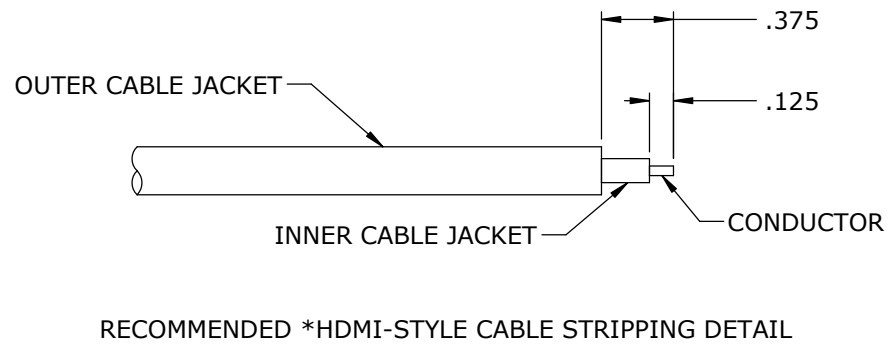4. CRIMP THE BACK SHELL CLAMP AROUND THE CABLE JACKET.

PLUG BODY TOP

1   19

2   18

FIGURE 2

INSERT SNAPPING FEATURE (EXTERNAL)

PLUG BODY TOP

A

INSERT AND PLUG ALIGNMENT GUIDE

DETAIL A

FIGURE 3

.375

.125

OUTER CABLE JACKET

INNER CABLE JACKET

CONDUCTOR

RECOMMENDED *HDMI-STYLE CABLE STRIPPING DETAIL

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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

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

| SCALE NTS | SIZE B | SHEET 2 OF 2 |

| FILE: DCC-HD19 SERIES | DIRECTORY: SLW | PART NUMBER: DCC-HD19 SERIES | REV B |