

**Pb** THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

**DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]**

**TABLE 1**

ITEM	COMPONENT	-HF	-GF
1	SUB ASSEMBLY	SUB-MMCXV-J-C-FF-ST-CA1	SUB-MMCXV-J-C-FN-ST-CA1
2	SOCKET	MMCXV-J-C-H-ST-CA1-SKT	MMCXV-J-C-G-ST-CA1-SKT
3	FERRULE	MCX-FER-001-F	MCX-FER-001-N

DO NOT SCALE FROM THIS PRINT

**MMCXV-J-C-XX-ST-CA1-X**

SERIES  
-V: HIGH VIBRATION

GENDER  
-J: JACK

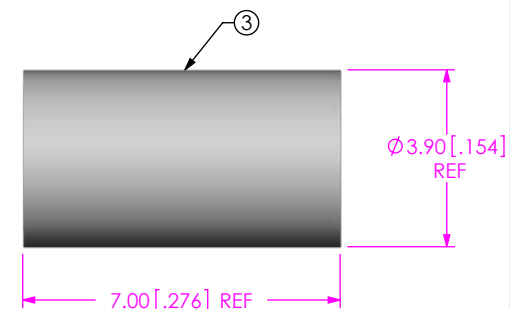
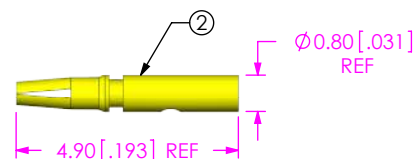
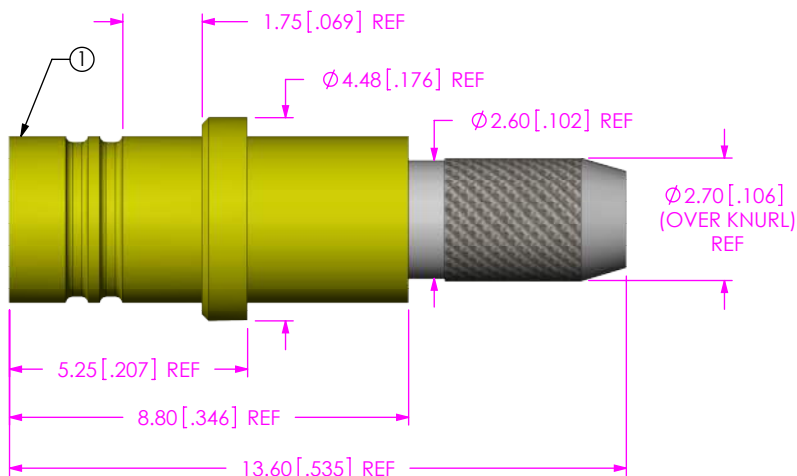
TYPE  
-C: CABLE

PACKAGING  
-BLANK: INDIVIDUALLY BAGGED  
-B: BULK PACKAGED(QTY=100 MAX)

TERMINATION  
-CA1: CCA-174 / CCA-316 CABLE

ORIENTATION  
-ST: STRAIGHT

PLATING SPECIFICATION  
-HF: 30µ" GOLD CENTER CONTACT, 3µ" GOLD OUTER CONTACT  
-GF: 10µ" GOLD CENTER CONTACT, 3µ" GOLD OUTER CONTACT, 100µ" NICKEL REMAINING PARTS (SEE TABLE 1)



NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- PRODUCT TO BE PACKAGED PER PRECISION RF SECTION OF PACKAGING MANUAL.  
TRAY: TY-SMA001-1  
COVER: TY-SMA001-2  
200 PARTS PER TRAY(2 PARTS PER POCKET).
- SOCKET & FERRULE TO BE PACKAGED SEPARATELY.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:  
DECIMALS ANGLES  
X.X: ±0.3 [.01] 5°  
X.XX: ±0.13 [.005]  
X.XXX: ±0.051 [.0020]

PROPRIETARY NOTE

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520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 6:1

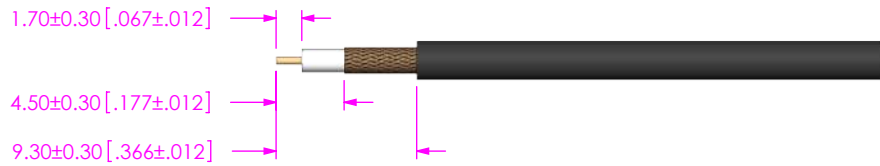
SHELL, CABLE BODY, FERRULE: BRASS  
SOCKET: BeCu  
INSULATOR: PTFE

DESCRIPTION: MMCXV ST JACK FOR CCA-174 / CCA-316 HIGH VIBRATION, 50 OHM

DWG. NO. **MMCXV-J-C-XX-ST-CA1-X**

BY: ALVIN W 10/05/2011 SHEET 1 OF 3

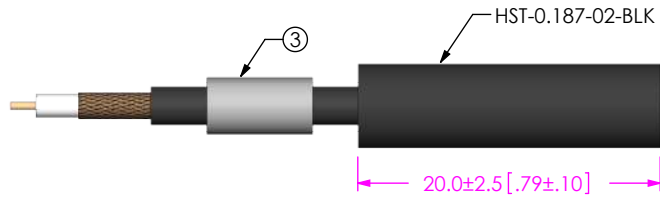
REVISION B



IN PROCESS 1  
STRIP AND TIN INNER  
CONDUCTOR



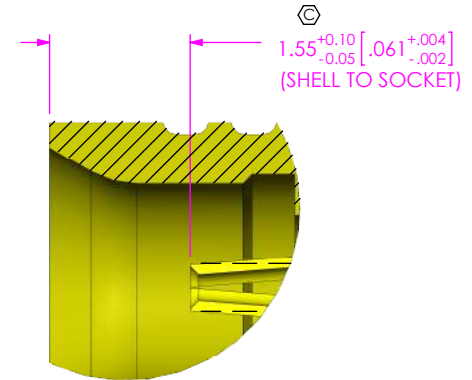
DETAIL 'A'  
SCALE 1:1



IN-PROCESS 2  
ADD HEAT SHRINK  
TUBE & FERRULE



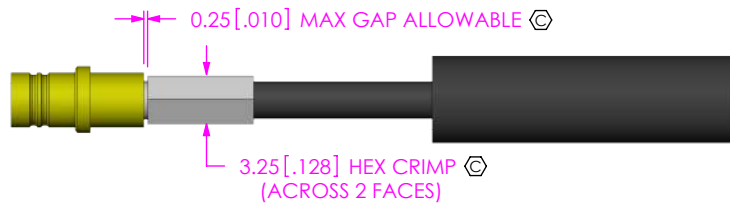
IN-PROCESS 3  
SOLDER SIGNAL SOCKET



DETAIL 'B'  
SCALE 1:2



IN-PROCESS 4  
ADD SUB ASSEMBLY



IN-PROCESS 5  
CRIMP FERRULE  
(USE CRIMP HAND TOOL  
#CAT-HT-126667-21  
OR EQUIVALENT)  
(USE .128" HEX DIE)



IN PROCESS 6  
APPLY HEAT SHRINK TUBING

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SHEET SCALE: 2:1

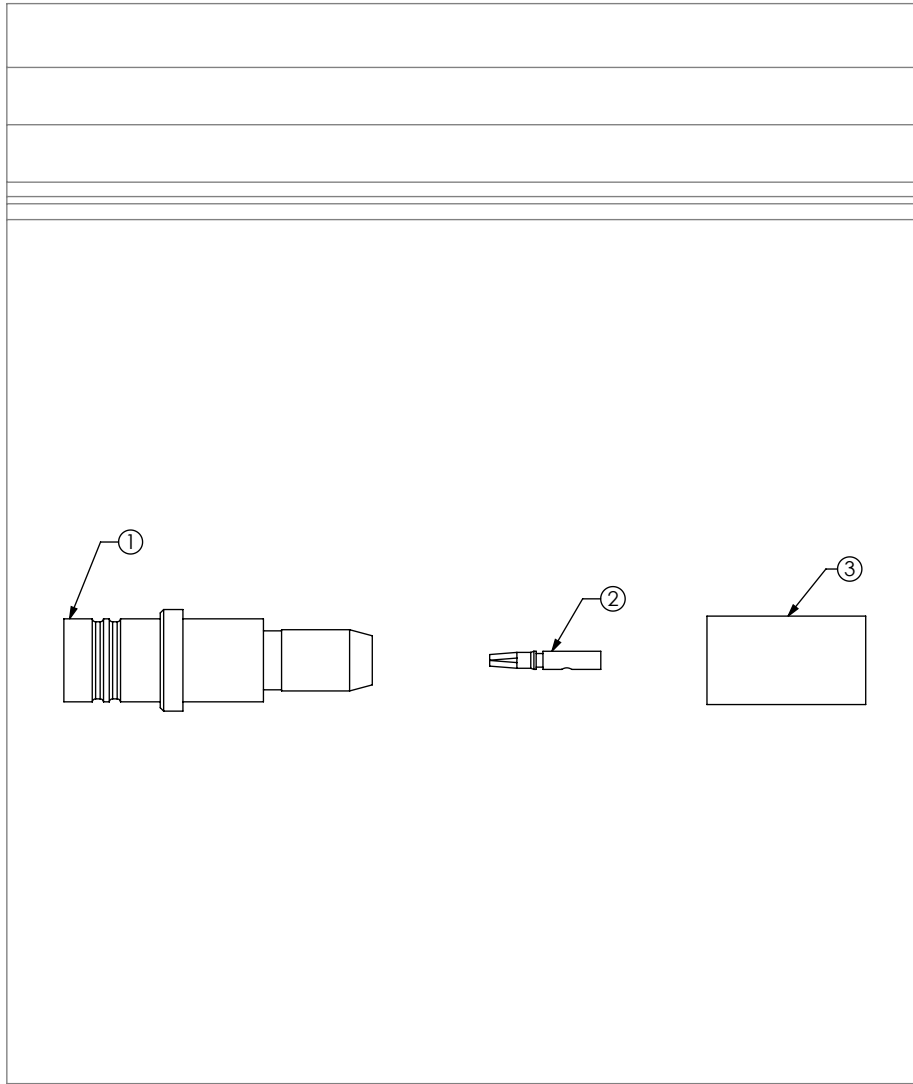


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PACKAGING VIEW  
MMCXV-J-C-XX-ST-CA1 SHOWN

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