

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

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

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

DO NOT SCALE FROM THIS PRINT

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

SERIES  
-V: HIGH VIBRATION

GENDER  
-P: PLUG

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)

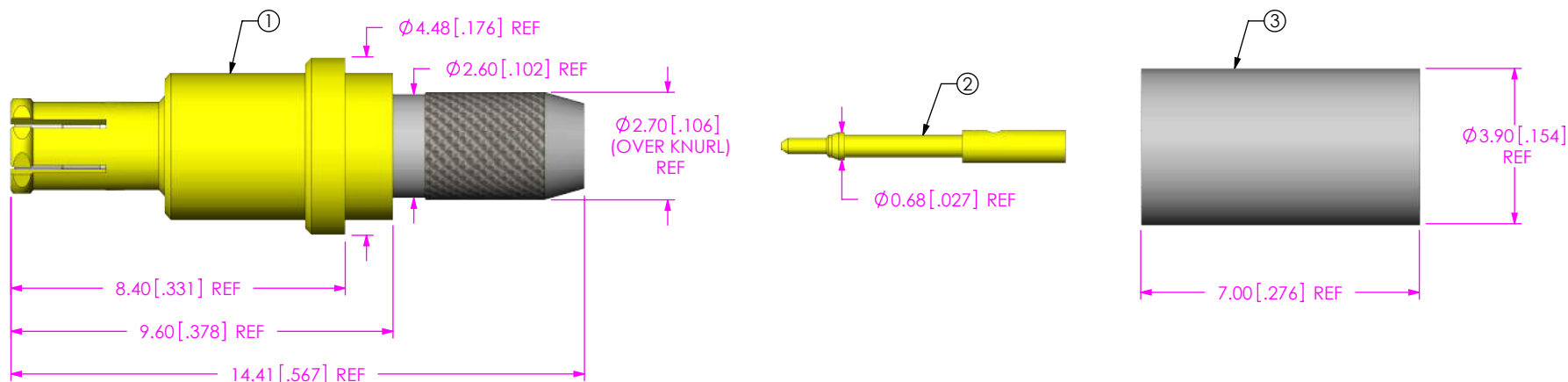


FIG 1  
MMCXV-P-C-XX-ST-CA1 SHOWN

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).
- PIN & FERRULE TO BE PACKAGED SEPARATELY.

F:\DWG\MISC\MKTG\MMCXV-P-C-XX-ST-CA1-X-MKT.sliddrw

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  
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e-Mail info@SAMTEC.com code 55322

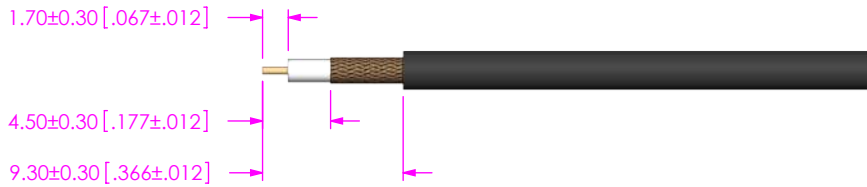
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 6:1

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

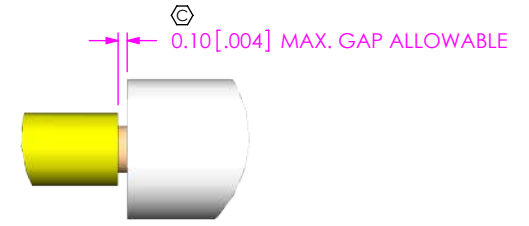
DESCRIPTION:  
MMCXV ST PLUG FOR CCA-174 / CCA-316 HIGH VIBRATION, 50 OHM

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

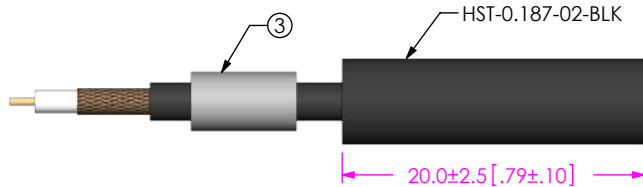
BY: ALVIN W 10/07/2011 SHEET 1 OF 3



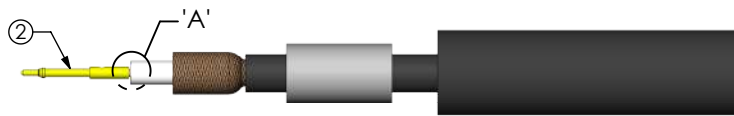
IN PROCESS 1  
STRIP AND TIN INNER  
CONDUCTOR



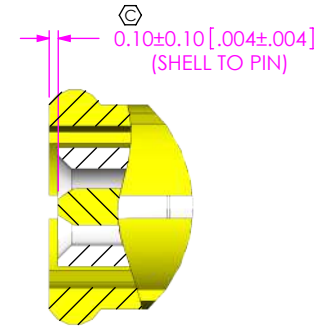
DETAIL 'A'  
SCALE 12:1



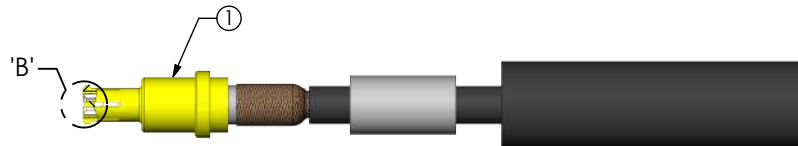
IN-PROCESS 2  
ADD HEAT SHRINK  
TUBE & FERRULE



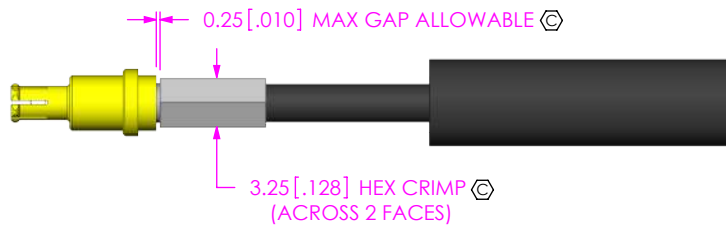
IN-PROCESS 3  
SOLDER SIGNAL PIN



DETAIL 'B'  
SCALE 12:1



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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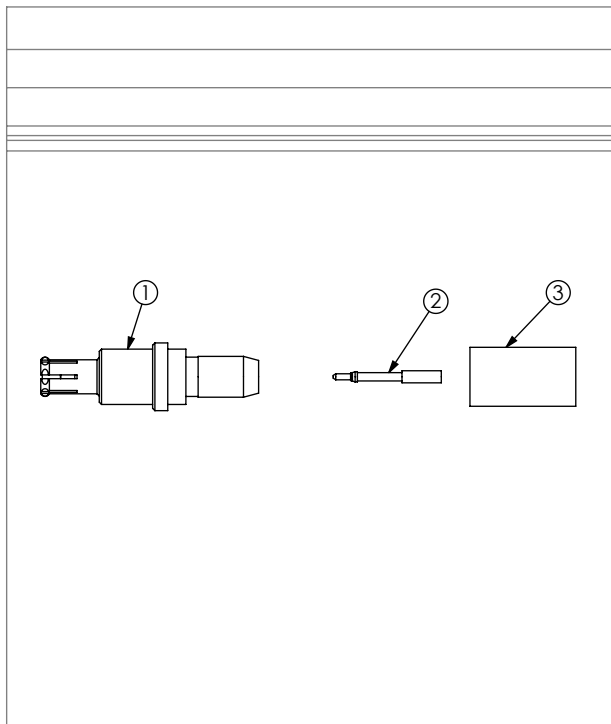


FIG 2  
MMCXV-P-C-XX-ST-CA1 SHOWN

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