

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

292XX-P-C-XX-ST-CXX

DO NOT SCALE FROM THIS PRINT

SERIES
292PB: 292 PLATED BRASS
292PS: 292 PASSIVATED STAINLESS STEEL

*= NOT TOOLED

GENDER
-P: PLUG

TYPE
-C: CABLE

TERMINATION
* -C23: CCA-023-X CABLE
* -C47: CCA-047-X CABLE
* -CA7: CCA-405-X CABLE
* -CA9: CCA-402-X CABLE
* -CS3: MWC-2350-01 CABLE
* -CS5: MWC-2550-01 CABLE
(SEE TABLE 2)

ORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATION
-HH: 30µ" GOLD CENTER CONTACT, 30µ" GOLD OUTER CONTACT, 3µ" GOLD CABLE BODY
-HG: 30µ" GOLD CENTER CONTACT, 10µ" GOLD OUTER CONTACT, 3µ" GOLD CABLE BODY (-HH, -HG AVAILABLE ONLY WITH 292PB)
-HP: 30µ" GOLD CENTER CONTACT, PASSIVATED OUTER CONTACT, 3µ" GOLD CABLE BODY (-HP: AVAILABLE ONLY WITH 292PS)
(SEE TABLE 1)

TABLE 1

ITEM	COMPONENT	-HH	-HG	-HP
1	SUB ASSEMBLY (SEE TABLE 2)	SUB-292PB-P-C-HH-ST-CXX	SUB-292PB-P-C-HG-ST-CXX	SUB-292PS-P-C-HP-ST-CXX
2	INSULATOR (SEE TABLE 2)	292-ST-INS-CS3		
3	SUB CABLE BODY (SEE TABLE 2)	SUB-292-C-G-ST-CXX-CBDY		
4	BODY (SEE TABLE 2)	292PB-C-N-ST-CXX-BDY	292PB-C-N-ST-CXX-BDY	292PS-C-P-ST-CXX-BDY

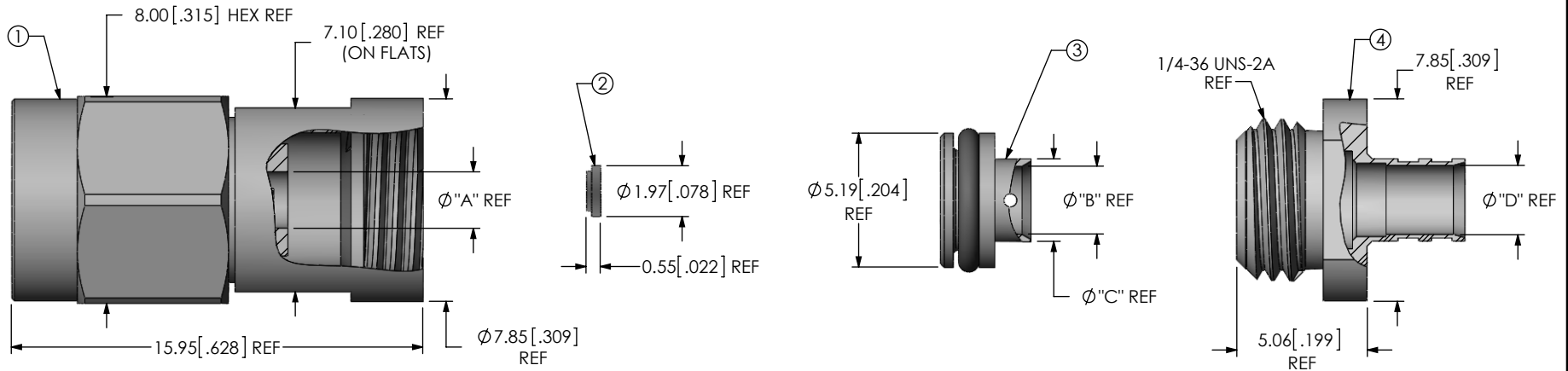


TABLE 2

TERMINATION	"A"	"B"	"C"	"D"	SUB-292XX-P-C-XX-ST-CXX	SUB-292-C-X-ST-CXX-CBDY	292XX-C-X-ST-CXX-BDY	292-ST-INS-CS3
* -C23	1.60 [0.063]	0.70 [0.028]	2.00 [0.079]	2.20 [0.087]	SUB-292XX-P-C-XX-ST-C23	SUB-292-C-X-ST-C23-CBDY	292XX-C-X-ST-C47-BDY	292-ST-INS-CS3
* -C47	1.60 [0.063]	1.30 [0.051]	2.00 [0.079]	2.20 [0.087]	SUB-292XX-P-C-XX-ST-C47	SUB-292-C-X-ST-C47-CBDY	292XX-C-X-ST-C47-BDY	292-ST-INS-CS3
* -CA7	2.17 [0.085]	2.30 [0.091]	3.10 [0.122]	3.30 [0.130]	SUB-292XX-P-C-XX-ST-CA7	SUB-292-C-X-ST-CA7-CBDY	292XX-C-X-ST-CA7-BDY	292-ST-INS-CS3
* -CA9	2.925 [0.1152]	3.78 [0.149]	4.25 [0.167]	3.68 [0.145]	SUB-292XX-P-C-XX-ST-CA9	SUB-292-C-X-ST-CA9-CBDY	292XX-C-X-ST-CA9-BDY	N/A
-CS3	2.188 [0.0861]	2.63 [0.104]	3.20 [0.126]	2.69 [0.106]	SUB-292XX-P-C-XX-ST-CS3	SUB-292-C-X-ST-CS3-CBDY	292XX-C-X-ST-CA7-BDY	292-ST-INS-CS3
* -CS5	2.17 [0.085]	2.00 [0.079]	3.10 [0.122]	3.30 [0.130]	SUB-292XX-P-C-XX-ST-CS5	SUB-292-C-X-ST-CS5-CBDY	292XX-C-X-ST-CA7-BDY	292-ST-INS-CS3

- NOTES:
- ① REPRESENTS A CRITICAL DIMENSION.
 - PRODUCT TO BE PACKAGED PER PACKING STANDARD CO-HD-WI-3040-M.
TRAY: TY-SMA001-1
COVER: TY-SMA001-2
100 PARTS PER TRAY(1 PART PER POCKET)
 - SUB CABLE BODY (ITEM 3) AND INSULATOR (ITEM 2) TO BE PACKAGED SEPARATELY.
 - BODY (ITEM 4) TO BE INSTALLED ON SUB ASSEMBLY (ITEM 1), LOCKED BY HAND (2-3 IN-LBS RECOMMENDED).

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
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

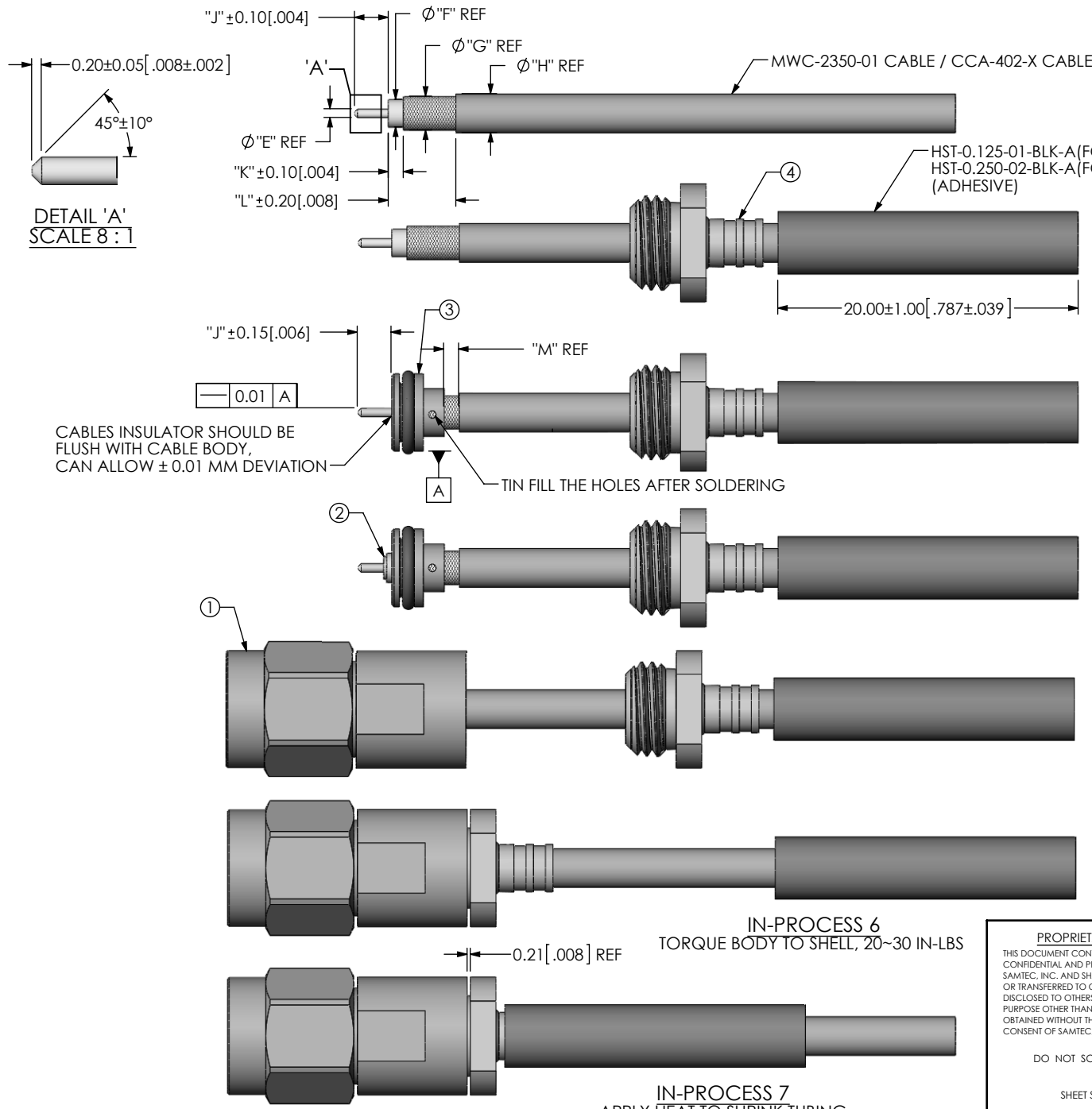


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
SHELL, INSERT & CABLE BODY: BRASS OR STAINLESS STEEL
REAR SOCKET: BeCu
INNER PINS, NUT: BRASS
INSULATOR: PCTFE OR ULTEM-1000
GASKET: SILICONE
C-RING: STAINLESS STEEL
CBDY INST: PHOS BRONZE

DESCRIPTION:
292 ST PLUG FOR C23, C47, CA7, CA9, CS3, CS5 CABLE
DWG. NO.
292XX-P-C-XX-ST-CXX
BY: ALVIN W 09/14/2012 SHEET 1 OF 2

TABLE 3								
STYLE	"E"	"F"	"G"	"H"	"J"	"K"	"L"	"M"
-CS3	0.58 [0.023]	1.85 [0.073]	2.25 [0.089]	2.59 [0.102]	2.25 [0.089]	1.00 [0.039]	4.50 [0.177]	1.00 [0.039]
-CA9	0.92 [0.036]	2.98 [0.117]	3.58 [0.141]	N/A	1.80 [0.071]	2.05 [0.081]	N/A	N/A



IN PROCESS 1
STRIPPING AND CHAMFER
(NO TINNED)

IN PROCESS 2
ADD BODY & HEAT SHRINK

IN PROCESS 3
ADD SUB CABLE BODY
SOLDER CABLE TO CABLE BODY

IN-PROCESS 4
ADD INSULATOR
(THIS STEP IS NOT USED FOR -CA9 OPTION)

IN-PROCESS 5
ADD SUB ASSEMBLY

IN-PROCESS 6
TORQUE BODY TO SHELL, 20~30 IN-LBS

IN-PROCESS 7
APPLY HEAT TO SHRINK TUBING

CABLES INSULATOR SHOULD BE
FLUSH WITH CABLE BODY,
CAN ALLOW ± 0.01 MM DEVIATION

TIN FILL THE HOLES AFTER SOLDERING

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 5:2



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

DESCRIPTION:
292 ST PLUG FOR C23, C47, CA7, CA9, CS3, CS5 CABLE

DWG. NO.
292XX-P-C-XX-ST-CXX

BY: ALVIN W 09/14/2012 SHEET 2 OF 2