



THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

DESIGNED & DIMENSIONED IN METRIC [INCHES]

MPSS-XX-XX-X-XX.XX-XX-XXX

No OF POSITIONS

- 02: 2 POSITIONS
- 03: 3 POSITIONS
- 04: 4 POSITIONS
- 06: 6 POSITIONS
- 08: 8 POSITIONS

LEAD STYLE

- *-10: 10 AWG 600 V (C- 246-02-X)
- *-12: 12 AWG 600 V (C- 246-02-X)
- 14: 14 AWG 600 V (C- 246-01-X)
- 16: 16 AWG 600 V (C- 246-01-X)

SECOND END OPTION (ONLY AVAILABLE WITH -DR OPTION)

- NUS: NOTCH UP STRAIGHT
- NDS: NOTCH DOWN STRAIGHT

END OPTION

- SR: SINGLE END
- DR: DOUBLE END

ASSEMBLY LENGTH (INCHES)

03.25[82.5] MINIMUM LENGTH

DO NOT SCALE FROM THIS PRINT

PLATING SPECIFICATION

- L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA BRIGHT ACID TIN ON TAIL
- T: BRIGHT ACID TIN CONTACT AND TAIL

* = NOT TOOLED

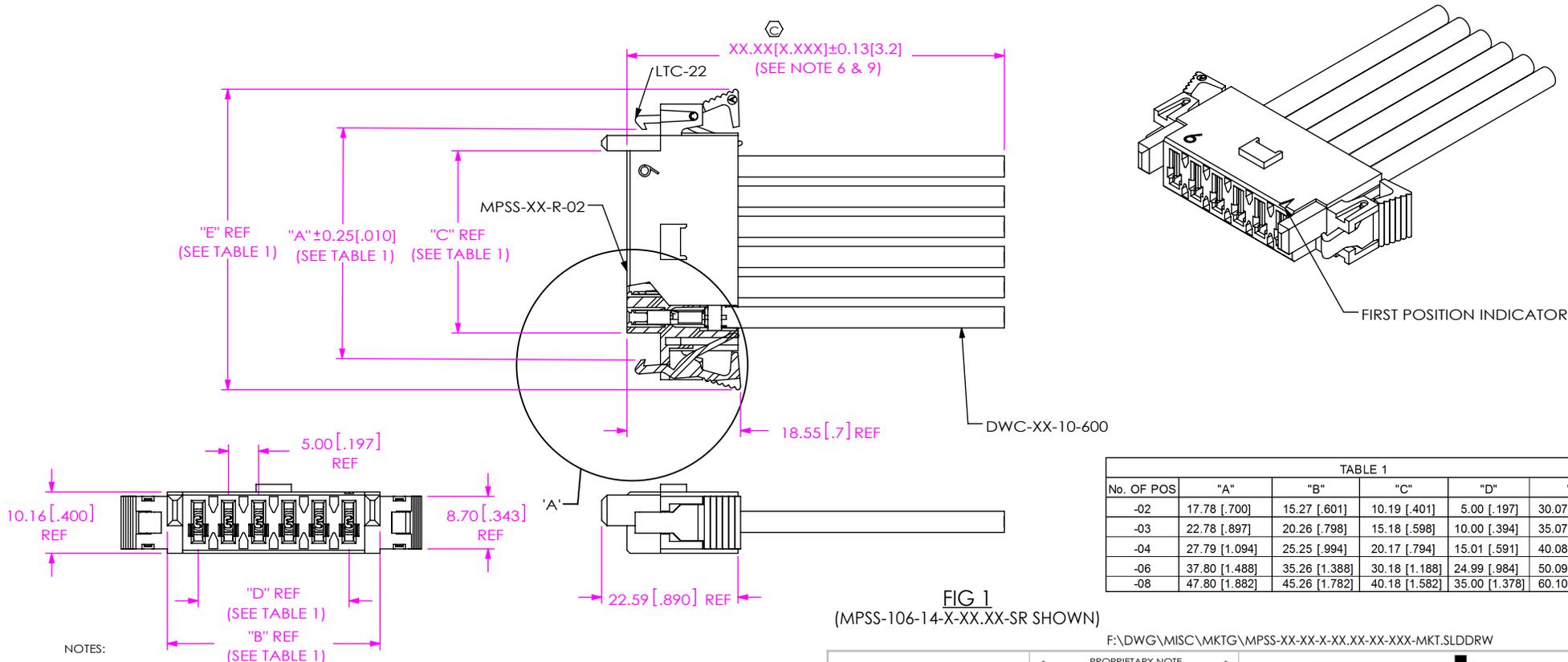


TABLE 1					
No. OF POS	"A"	"B"	"C"	"D"	"E"
-02	17.78 [.700]	15.27 [.601]	10.19 [.401]	5.00 [.197]	30.07 [1.184]
-03	22.78 [.897]	20.26 [.798]	15.18 [.598]	10.00 [.394]	35.07 [1.381]
-04	27.79 [1.094]	25.25 [.994]	20.17 [.794]	15.01 [.591]	40.08 [1.578]
-06	37.80 [1.488]	35.26 [1.388]	30.18 [1.188]	24.99 [.984]	50.09 [1.972]
-08	47.80 [1.882]	45.26 [1.782]	40.18 [1.582]	35.00 [1.378]	60.10 [2.366]

FIG 1 (MPSS-106-14-X-XX.XX-SR SHOWN)

- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
 - ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V AND ELECTRICALLY TESTED FOR SHORTS AND OPENS. AFTER FINAL ELECTRICAL TEST, LABEL EACH ASSEMBLY WITH (1) ET STAMP ON THE BODY.
 - MINIMUM LATCH RETENTION: 4.4 N [1 LB].
 - MINIMUM PULL OUT FORCE: 22.2 N [5.0 LB] MINIMUM.
 - PARTS TO BE LAYER PACKAGED. COVER EACH CABLE END WITH BAG ASBBLT4X5.5. FOR VERY SHORT CABLES THAT WILL FIT 100% WITHIN ONE BAG, USE ONLY ONE BAG AND SEAL.
 - ALL DIMS SHOWN IN METRIC EXCEPT FOR ASSEMBLY LENGTH ON PART CALL OUT
 - NOT FOR SALE AS COMPONENTS; SOLD AS A CABLE ASSEMBLY ONLY.
 - REFER TO CRIMP SPECIFICATIONS PRINT FOR CRIMP AND STRIP DIMENSIONS, TOLERANCES, TOOLING AND ITS REQUIREMENTS.
 - CUT LENGTH IS ASSEMBLY LENGTH MINUS OVERALL LENGTH SUBTRACTOR.

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.</p> <p>TOLERANCES ARE:</p> <p>DECIMALS ANGLES</p> <p>X.X: ±0.3[.01] 2°</p> <p>X.XX: ±0.13[.005]</p> <p>X.XXX: ±0.051[.0020]</p>	<p>PROPRIETARY NOTE</p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.</p>	<p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>

F:\DWG\MISC\MKTG\MPSS-XX-XX-X-XX.XX-XX-XXX-MKT.SLDDRW

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: ZYTEL HTNFR52G30NH BLACK
CONTACT: COPPER ALLOY
LATCH: ZYTEL HTNFR52G30NH BLACK
WIRE: PVC COATED TINNED COPPER

SHEET SCALE: 1:1

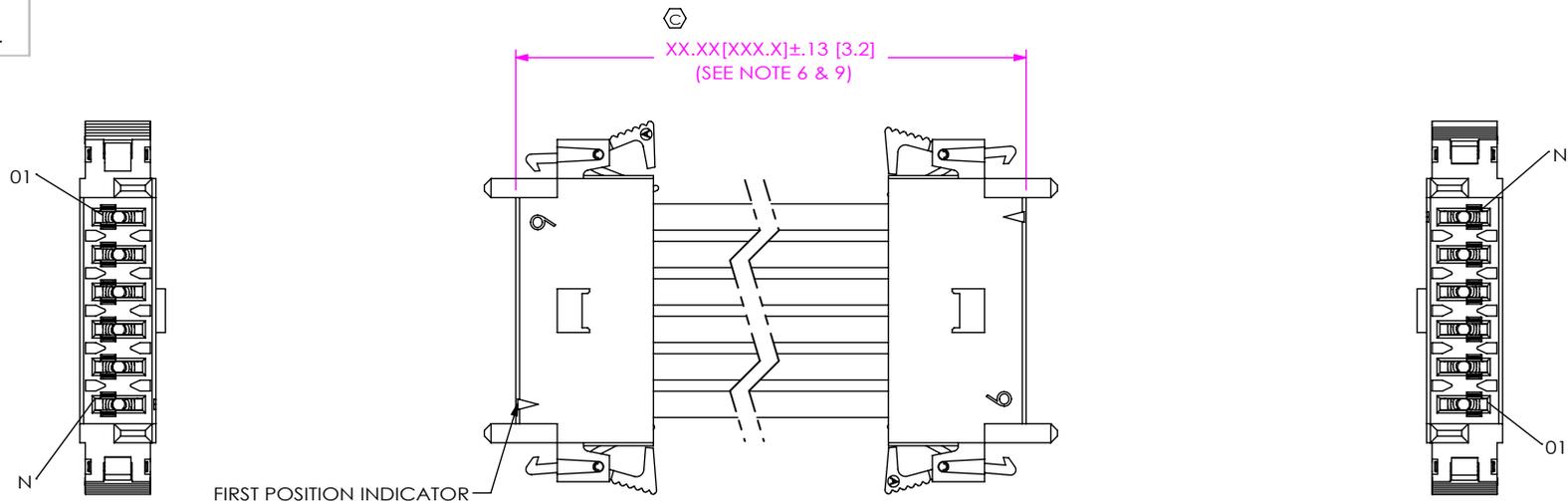


FIG 2
(MPSS-106-14-X-XX.XX-DR-NUS SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

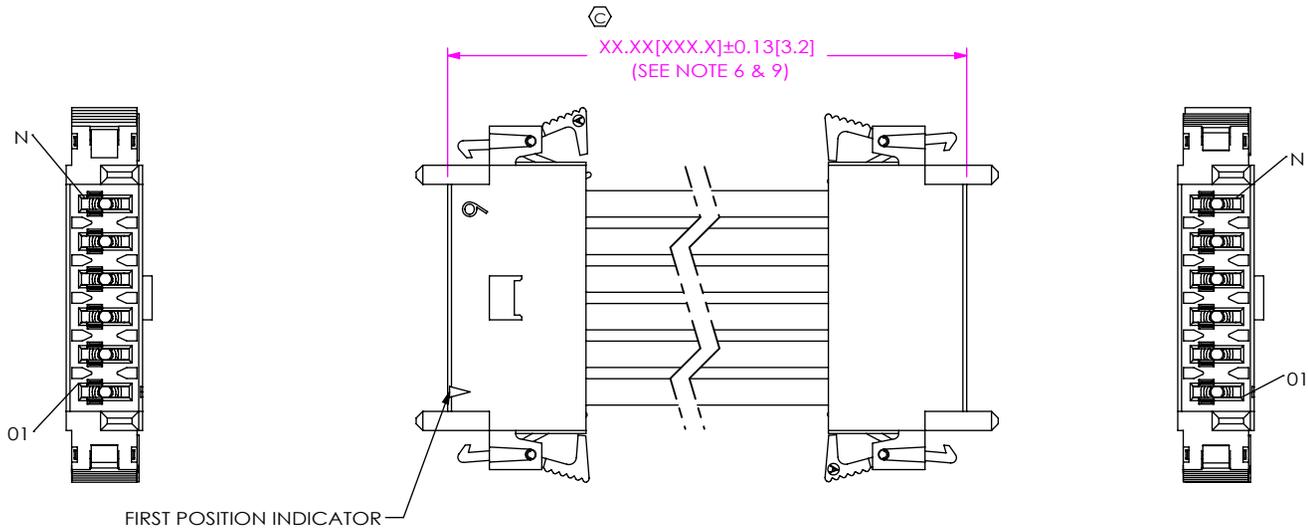


FIG 3
(MPSS-106-14-X-XX.XX-DR-NDS SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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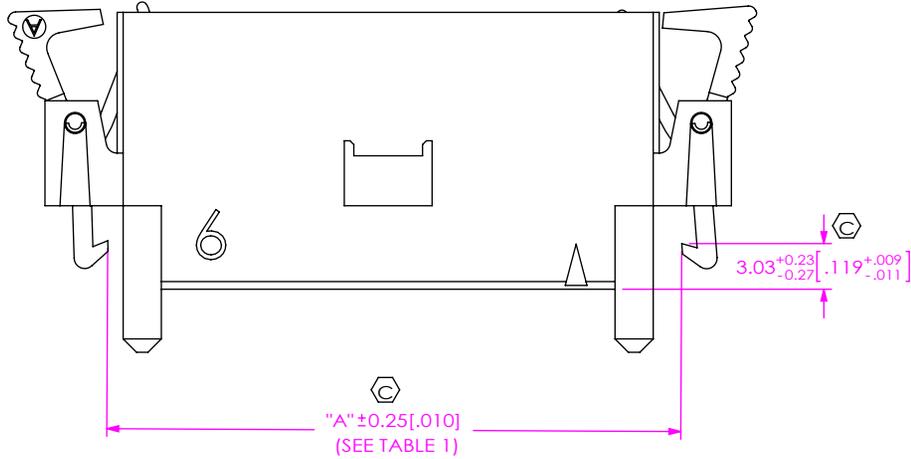
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 SHEET SCALE: 1:1



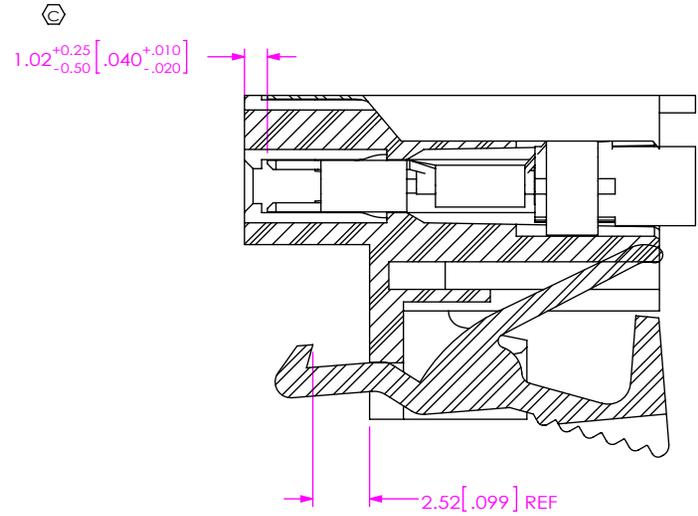
520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
 MINI POWER DISCRETE WIRE

DWG. NO.
 MPSS-XX-XX-X-XX.XX-XX-XXX



IN PROCESS



DETAIL 'A'
SCALE 3:1

CABLE CUT IN-PROCESS

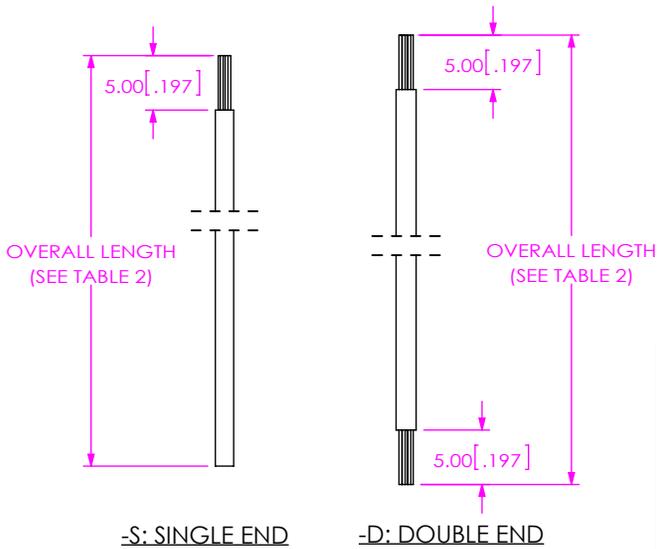


TABLE 2 (OVERALL LENGTH SUBTRACTORS) (SEE NOTE 9)	
	LENGTH
-S: SINGLE END	7.62 [.300]
-D: DOUBLE END	15.24 [.600]

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 DO NOT SCALE DRAWING
 SHEET SCALE: 1:1

samtec
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 MINI POWER DISCRETE WIRE

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BY: B RAY 05/09/2008 SHEET 3 OF 3