

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

DESIGNED & DIMENSIONED IN METRIC [INCHES]

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

DO NOT SCALE FROM THIS PRINT

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

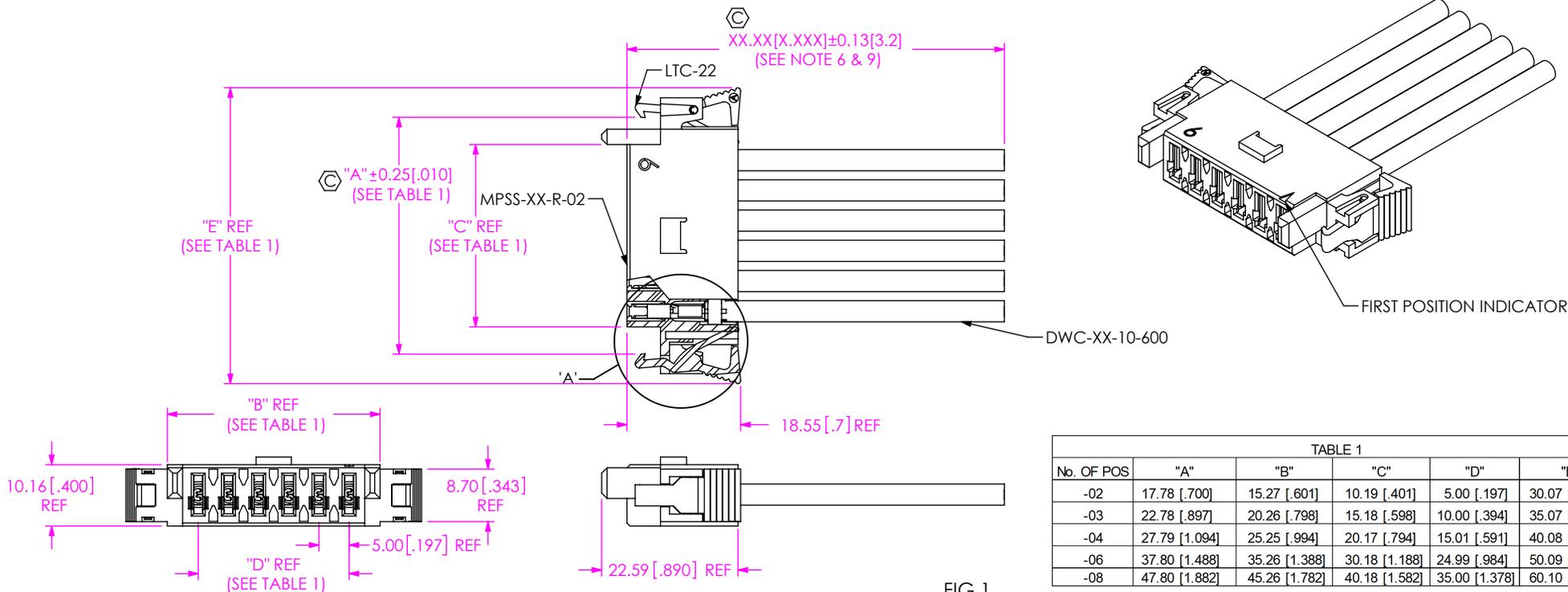
-SR: SINGLE END
 -DR: DOUBLE END

ASSEMBLY LENGTH (INCHES)
 03.25[82.5] MINIMUM LENGTH

PLATING SPECIFICATION

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

* = NOT TOOLED



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, MARK EACH ASSEMBLY PER INSTRUCTIONS REFERENCED IN CO-{AD-ID}-WI-3092-M.
- 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.

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.
 TOLERANCES ARE:
 DECIMALS ANGLES
 X.X: ±0.3[.01] 2°
 X.XX: ±0.13[.005]
 X.XXX: ±0.051[.0020]

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MATERIAL: DO NOT SCALE DRAWING
 INSULATOR: POLYAMIDE, COLOR: BLACK
 CONTACT: COPPER ALLOY
 LATCH: POLYAMIDE, COLOR: BLACK
 WIRE: PVC COATED TINNED COPPER

SHEET SCALE: 1:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150
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 e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
MINI POWER DISCRETE WIRE

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

BY: B RAY 05/09/2008 SHEET 1 OF 3

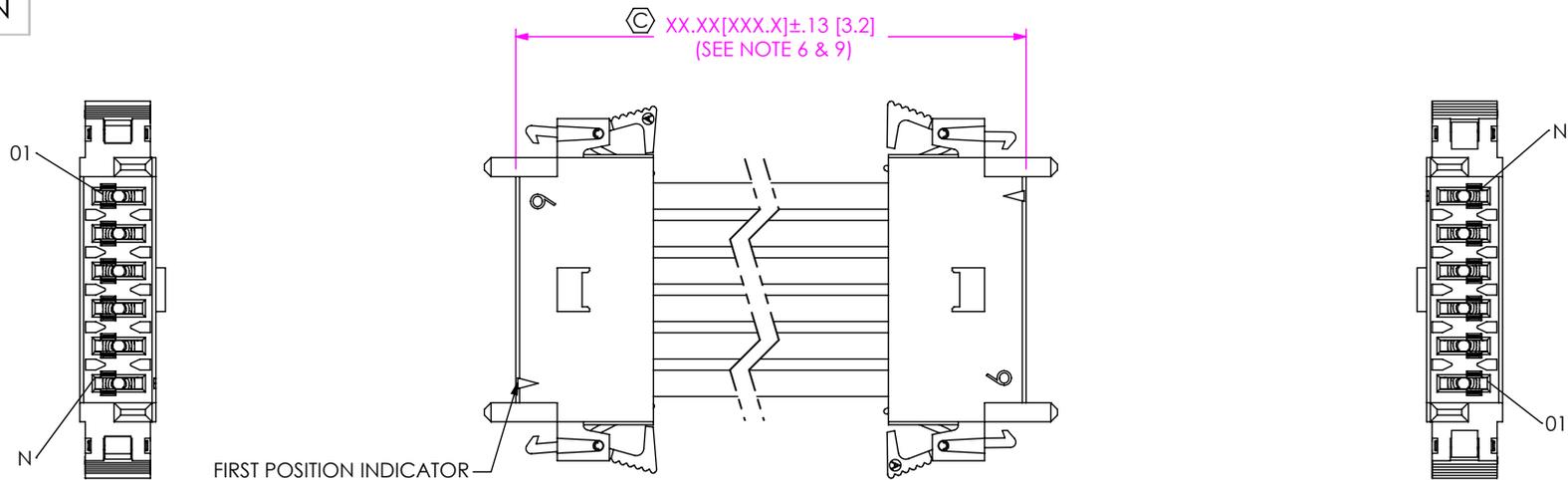


FIG 2
(MPSS-106-14-X-XX.XX-DR-NUS SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

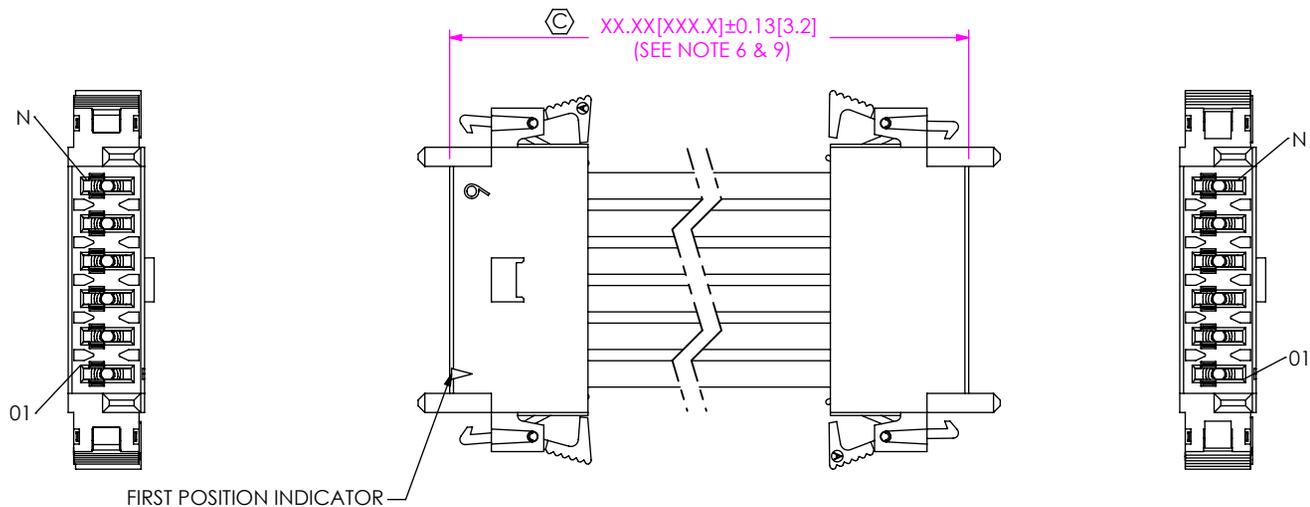


FIG 3
(MPSS-106-14-X-XX.XX-DR-NDS SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

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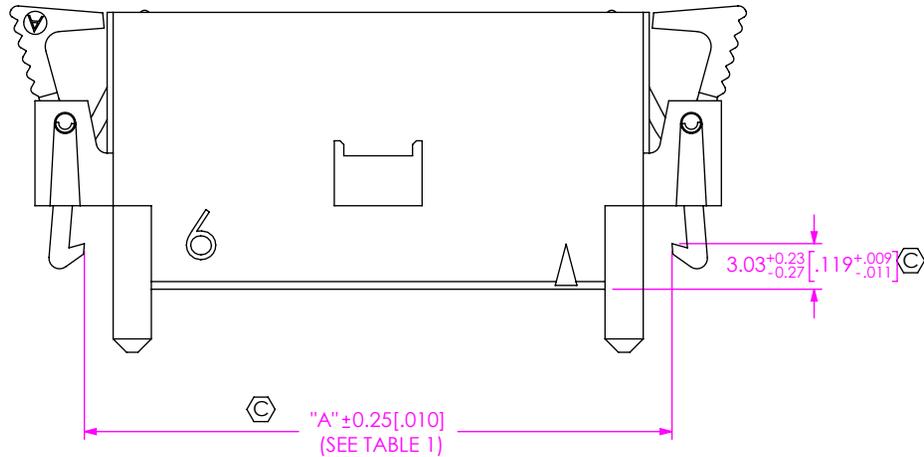


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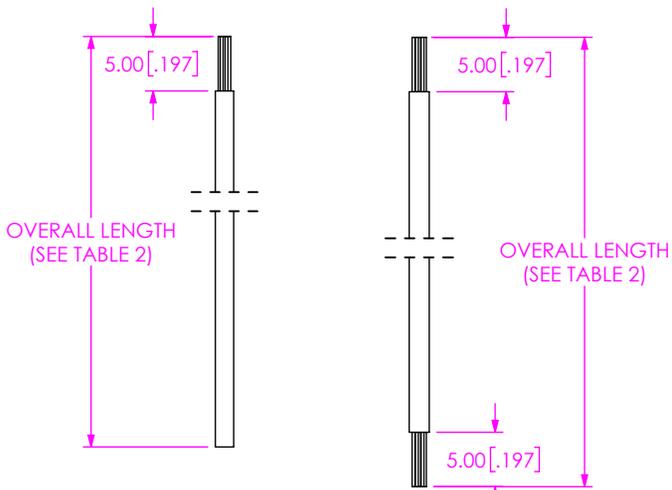
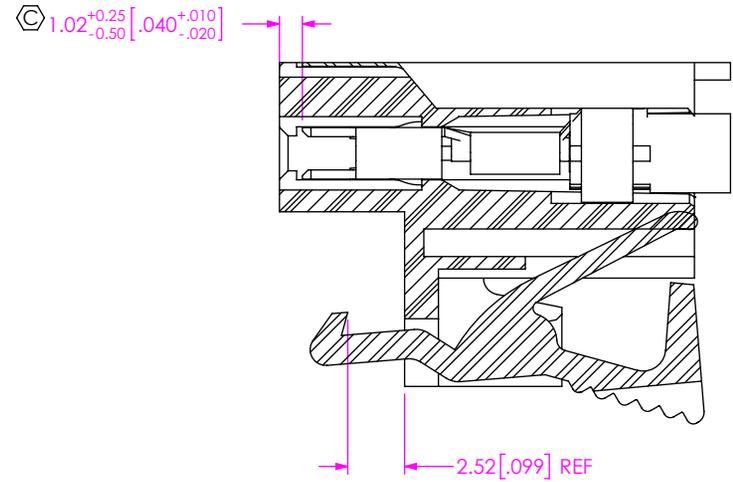
DESCRIPTION: MINI POWER DISCRETE WIRE

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

BY: B RAY 05/09/2008 SHEET 2 OF 3



IN PROCESS



-S: SINGLE END

-D: DOUBLE END

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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