



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

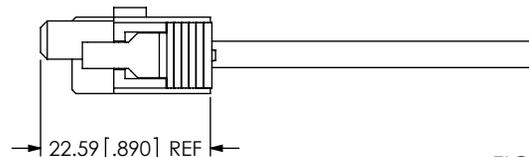
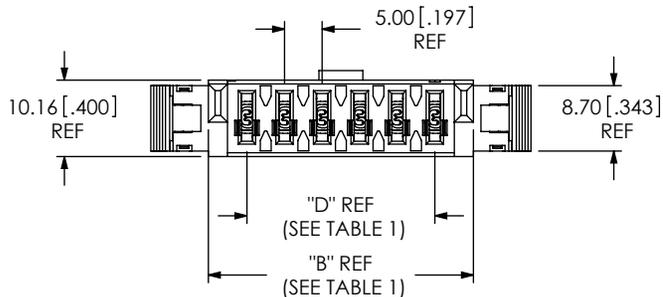
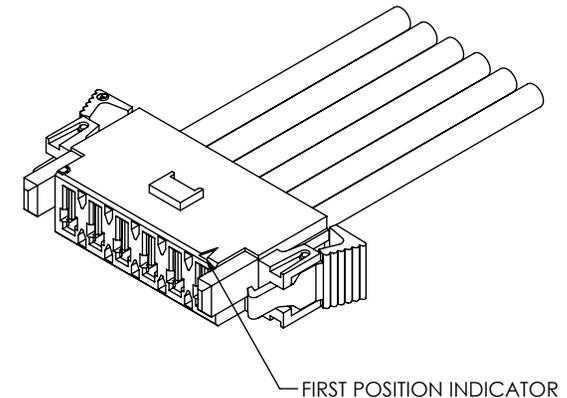
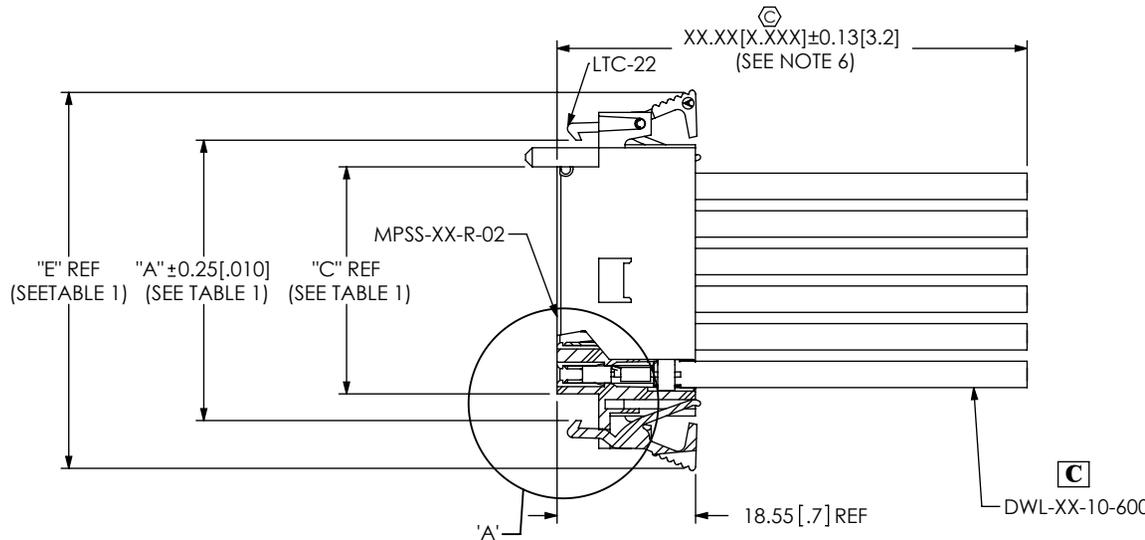
ASSEMBLY LENGTH (INCHES)
03.25[82.5] MINIMUM LENGTH

PLATING SPECIFICATION

- L: .00010[0.00030] GOLD OVER .000050 [0.00130] NICKEL
- T: .000200 [0.00500] REF TIN OVER .000050 [0.00130] NICKEL

* = NOT TOOLED

DO NOT SCALE FROM THIS PRINT



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:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 1000V AND ELECTRICALLY TESTED FOR SHORTS AND OPENS.
3. MINIMUM LATCH RETENTION: 4.4 N [1 LB].
4. MINIMUM PULL OUT FORCE: 22.2 N [5.0 LB] MINIMUM.
5. PARTS TO BE LAYER PACKAGED.
6. ALL DIMS SHOWN IN METRIC EXCEPT FOR ASSEMBLY LENGTH ON PART CALL OUT
7. NOT FOR SALE AS COMPONENTS; SOLD AS A CABLE ASSEMBLY ONLY.
8. REFER TO CRIMP SPECIFICATIONS PRINT FOR CRIMP AND STRIP DIMENSIONS, TOLERANCES, AND TOOLING.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS ANGLES
X.X: ±0.3[.01] 2°
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
INSULATOR: ZYTEL HTNFR52G30NH BLACK
CONTACT: COPPER ALLOY
LATCH: ZYTEL HTNFR52G30NH BLACK
WIRE: PVC COATED TINNED COPPER

SHEET SCALE: 1:1

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

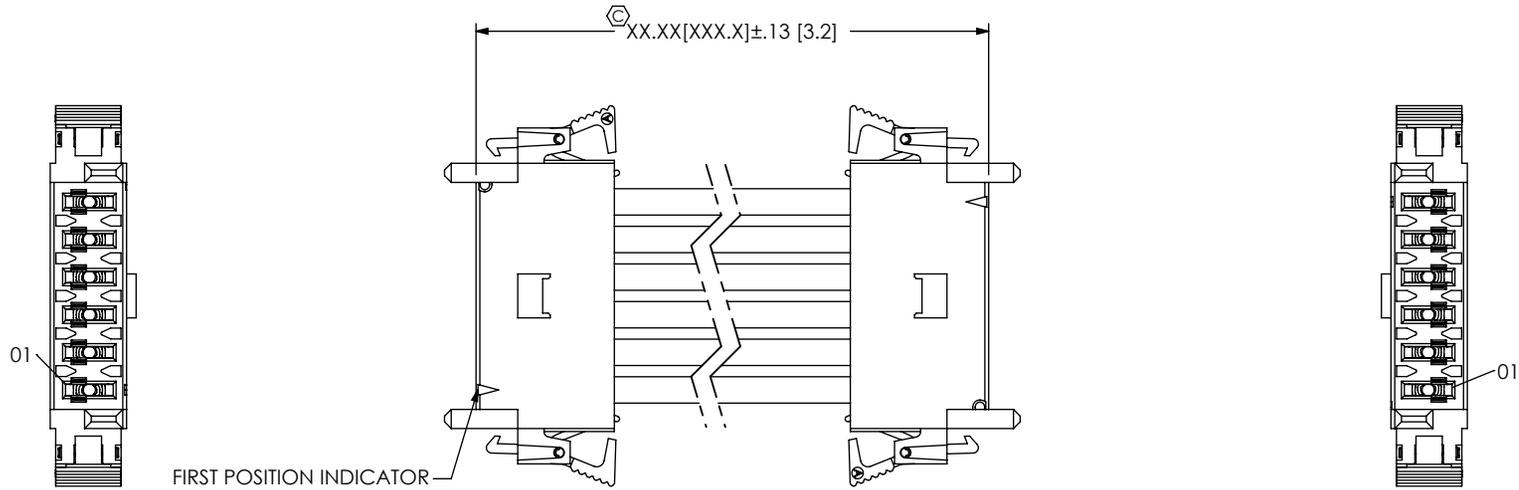


FIG. 2
 (MPSS-106-14-X-XX.XX-DR-NUS SHOWN)
 (SAME AS FIG. 1, DIFFERENT AS SHOWN)

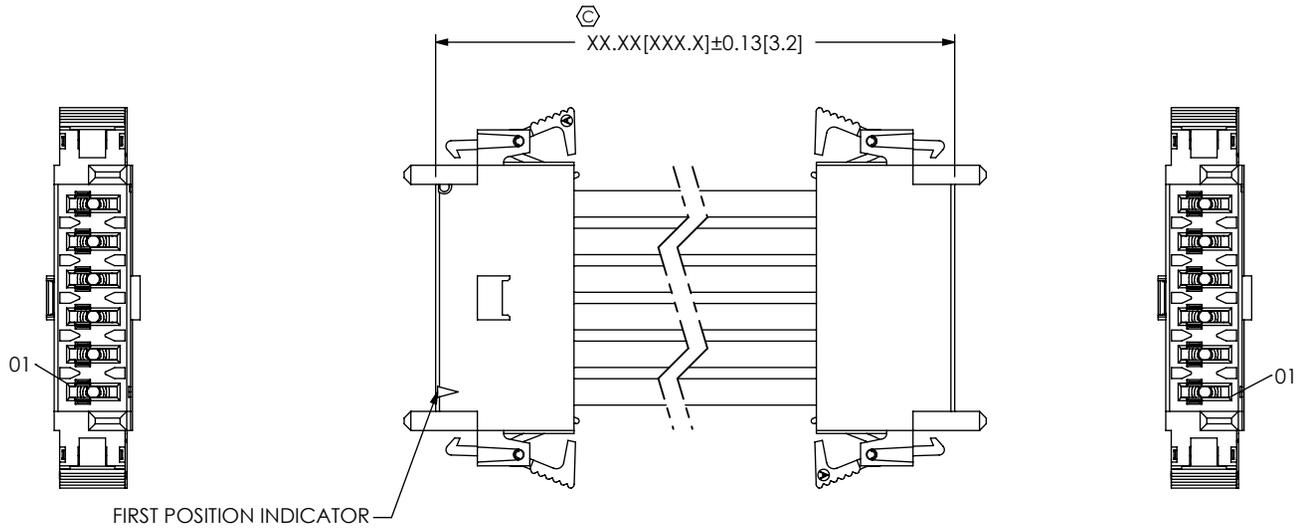


FIG. 3
 (MPSS-106-14-X-XX.XX-DR-NDS SHOWN)
 (SAME AS FIG. 1, DIFFERENT AS SHOWN)

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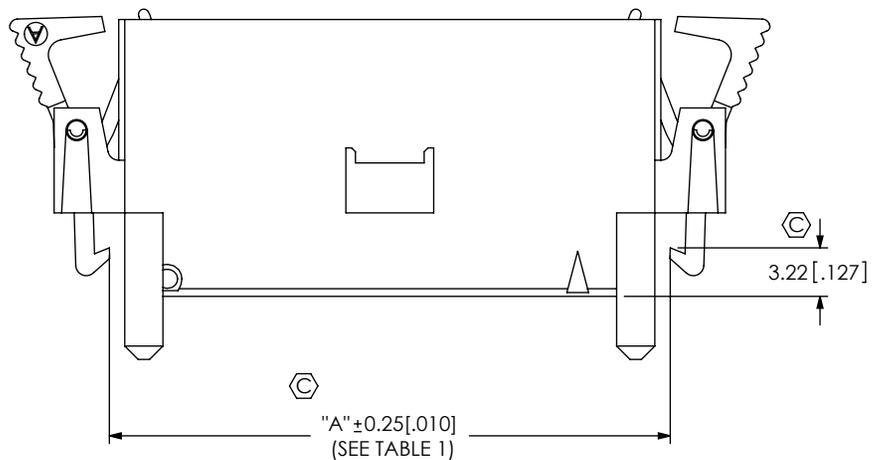
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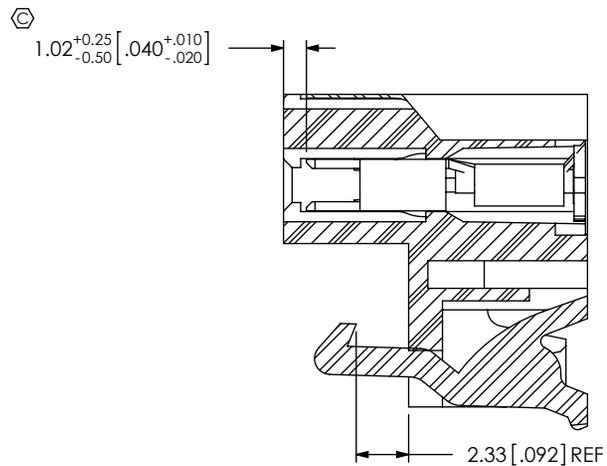
DESCRIPTION: MINI POWER DISCRETE WIRE

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

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IN PROCESS



DETAIL 'A'
SCALE 3:1

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SHEET SCALE: 1:1

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