REVISION C

ALL DIMENSIONS ARE FOR REFERENCE ONLY
(SEE C-246-XX-X FOR CONTROLING DOCUMENT)

**DESIGNED & DIMENSIONED
IN MILLIMETERS**

DO NOT
SCALE FROM
THIS PRINT

CC46X-XXXX-XX-X

SUPPLIED
-L: LOOSE
-R: REEL

PLATING
-T: BRIGHT ACID TIN
-L: 10µ" SELECTIVE GOLD IN CONTACT
 AREA, MATTE TIN ON TAIL.

LEAD STYLE
-1416: 14-16 AWG

OPTION
INSULATION THICKNESS
-01: 600V
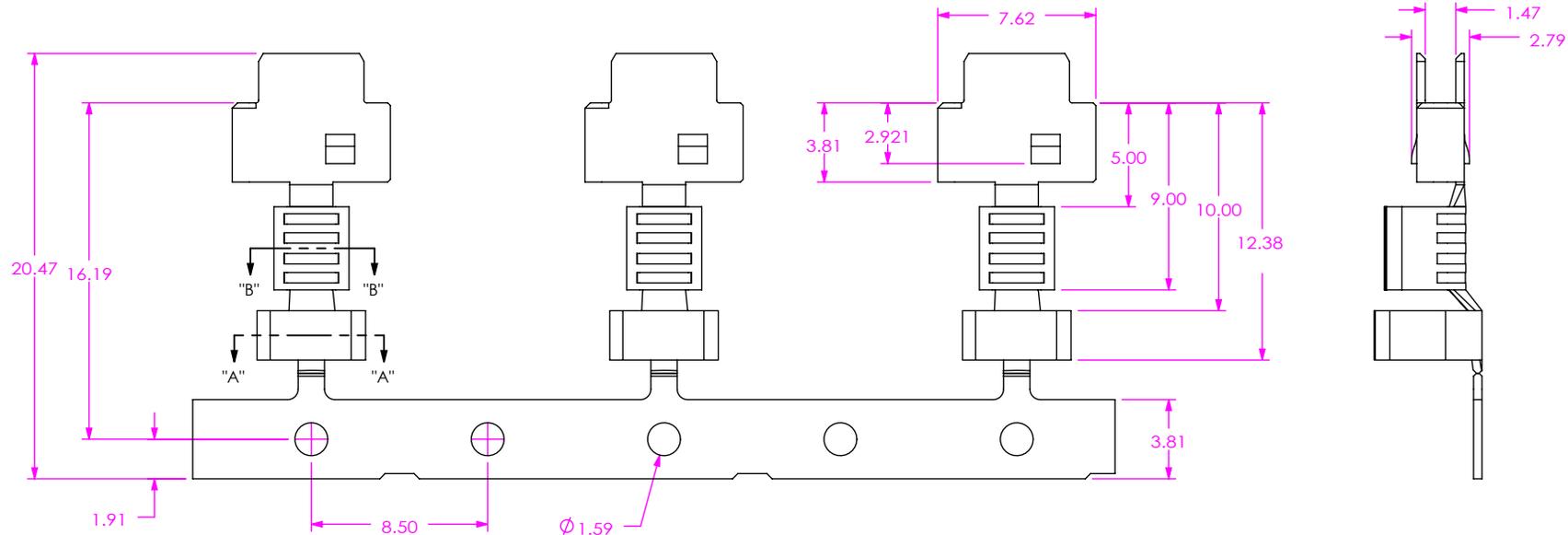
FIG 1
(CC46X-1416-01-X SHOWN)

Dimensions: 7.62, 3.81, 2.921, 5.00, 9.00, 10.00, 12.38, 20.47, 16.19, 1.91, 8.50, Ø1.59, 3.81, 1.47, 2.79

"B" "B" "A" "A"
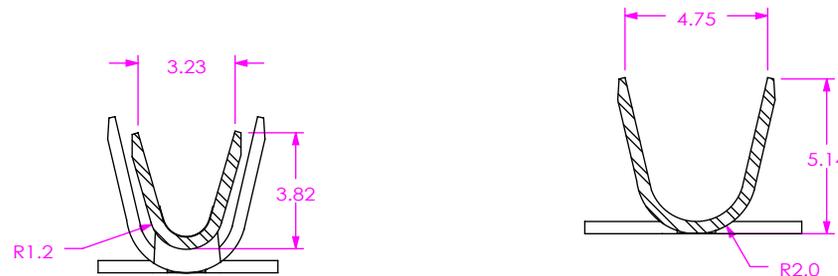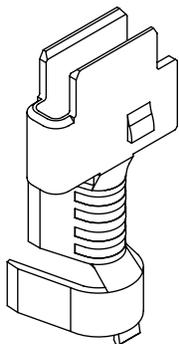
SECTION "B"-"B"
SCALE 4 : 1
3.23, 3.82, R1.2

SECTION "A"-"A"
SCALE 4 : 1
4.75, 5.14, R2.0

NOTES:
1. PLATED C-246 PARTS TO BE PULLED, PLATING OPTION CONFIRMED, POSITIONED AS SHOWN
 ON SAMTEC REEL WITH VIEWPORTS,LABELED CC46R WITH APPROPRIATE PLATING CALLOUT
 AND LABEL PLACED AS SHOWN.
2. MAXIMUM No OF SPLICES PER REEL: 2.
3. SPLICES ARE NOT TO BE CONNECTED.
4. NUMBER OF SPLICES TO BE MARKED ON EACH REEL.
5. REELED PARTS TO BE INTERLEAVED WITH PAPER BETWEEN EACH LAYER OF PARTS.
6. ALLOWABLE INTERLEAF SPLICES PER REEL: 3.
7. SECURELY CONNECT INTERLEAF SPLICE.
8. OUTER WRAP SHALL RECEIVE PROTECTIVE REEL BAND PER BELOW: RB-24-1.00-P.
9. DUE TO PLATING REQUIREMENTS CONTACT SAMPLES MAY BE REMOVED INTERMITTENTLY
 FROM THE CARRIER RESULTING IN SMALL GAPS BUT DOES NOT AFFECT FINAL COUNT.
10. QTY PER REEL: 2,000 +100/-0 PCS.

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

MATERIAL:
COPPER ALLOY

THICKNESS: 0.406

DO NOT SCALE DRAWING   SHEET SCALE: 3:1

DESCRIPTION:
MINI POWER DISCRETE CABLE

DWG. NO.
CC46X-XXXX-XX-X

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BY: B RAY   05/27/2008   SHEET 1 OF 2

"B"

"A"

"C"
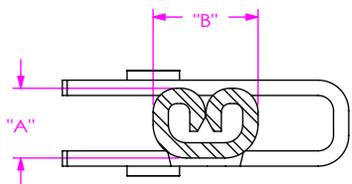
WIRE CRIMP
SCALE 5 : 1
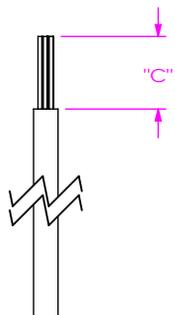
INSULATION STRIP LENGTH

TABLE 1

P/N	AWG	STRANDS / AWG	INSULATION OD	"A"	"B"	"C"	PULL FORCE (LBS)
CC46X-1416-01-X	16	26/30	3.0480 - 3.5814	1.727	2.794	5.00	30
	14	41/30		1.905	2.794	5.00	50

FIG 2
RECOMENDED PROCESSING

UNWINDING DIRECTION

LABEL HUB

CARRIER
OPPOSITE TO LABEL SIDE

Ø"D"

Ø 12.7

Ø"E"±3.18 HUB

Ø"F"±1.57

TABLE 2

SUPPLIED	REEL PART NUMBER	"D"	"E"	"F"
-R	R-24-08.00-1.00-P	609.6	203.20	28.58
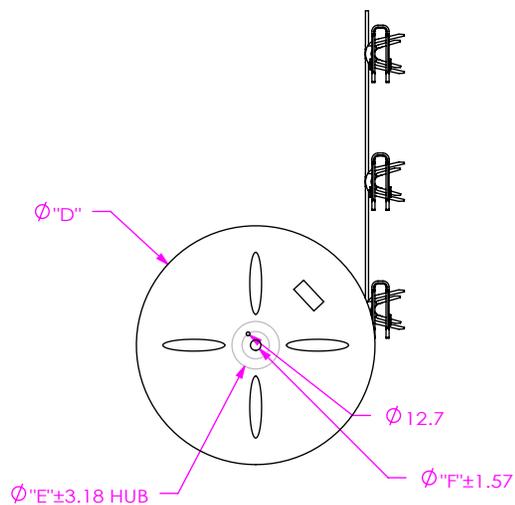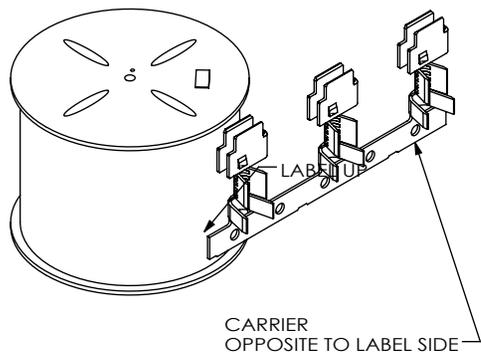
FIG 3
REEL SPECIFICATIONS

SAMTEC

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e-Mail: info@SAMTEC.com   code: 55322

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SHEET SCALE: 2:1

DESCRIPTION:
MINI POWER DISCRETE CABLE

DWG. NO.
CC46X-XXXX-XX-X

BY: B RAY   05/27/2008   SHEET 2 OF 2