REVISION D
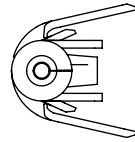
ALL DIMENSIONS ARE REFERENCE
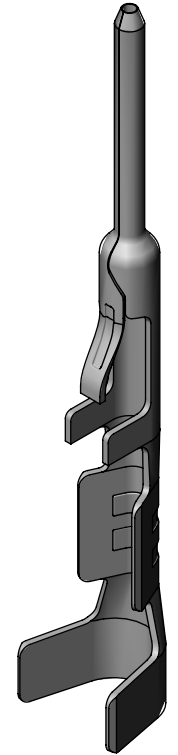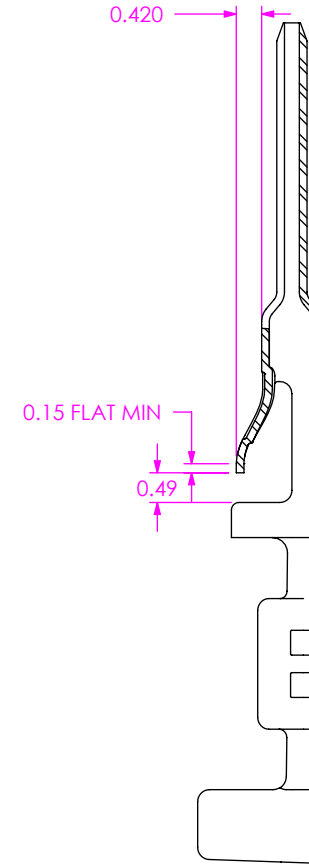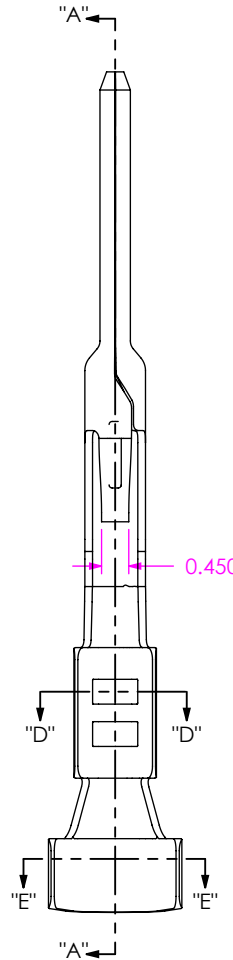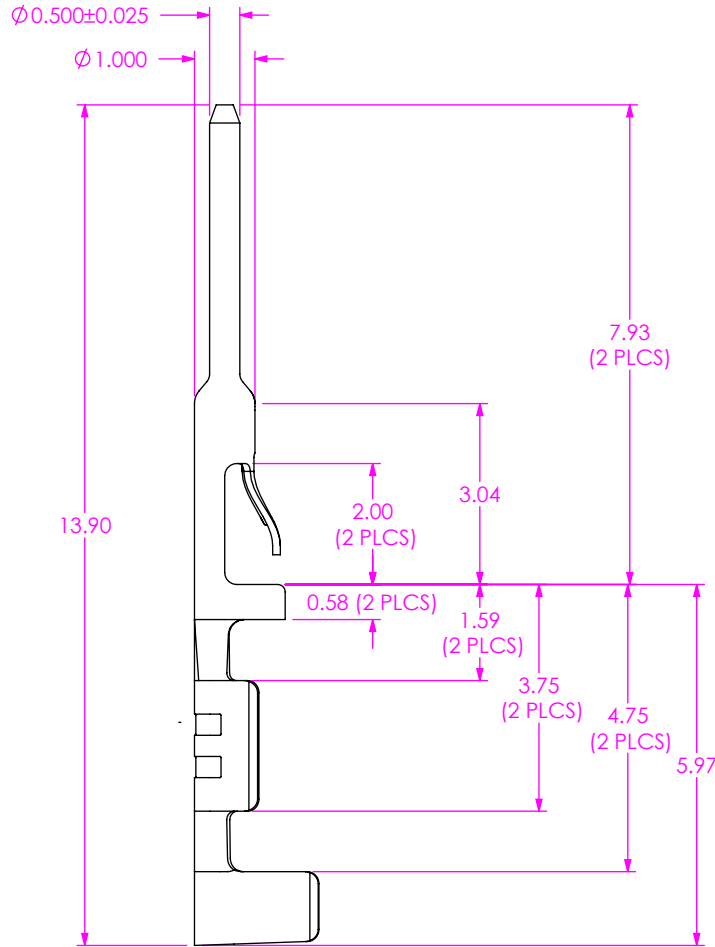(SEE T-1M82-XXXX-XX FOR CONTROLLING PRINT)

T1M82-X-XXXX-01-XX

SUPPLIED
-L: LOOSE
-R: REEL

PLATING SPECIFICATION
-L: LIGHT SELECTIVE
-S: SELECTIVE
-F: FLASH SELECTIVE

LEAD STYLE
-2426: 24-26 AWG
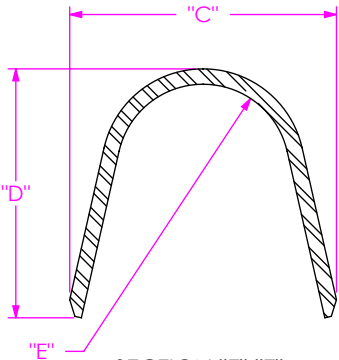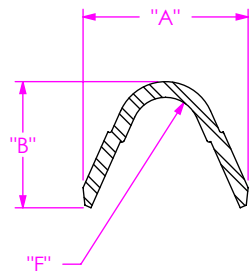-2830: 28-30 AWG

Ø 0.500±0.025

Ø 1.000

"A"

0.420

13.90

7.93
(2 PLCS)

3.04

2.00
(2 PLCS)

0.15 FLAT MIN

0.49

0.58 (2 PLCS)

1.59
(2 PLCS)

0.450

3.75
(2 PLCS)

4.75
(2 PLCS)

5.97

"D"   "D"

"E"   "E"

"A"

"N" MAX
(TAB LENGTH)
(SEE TABLE 2, SHT 2)

"M" MAX
(VESTIGE ALLOWANCE)
(SEE TABLE 2, SHT 2)

SECTION "A"-"A"

"C"

"A"

"D"

"B"

"E"

"F"

SECTION "E"-"E"
SCALE 16 : 1

SECTION "D"-"D"
SCALE 16 : 1

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS   ANGLES
X.X: ±0.3   2°
X.XX: ±0.05
X.XXX: ±0.038

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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: DO NOT SCALE DRAWING   SHEET SCALE: 8:1
PHOS BRONZE, ALLOY 521, HARD TEMPER
THICKNESS: 0.127 ± 0.008

DESCRIPTION:
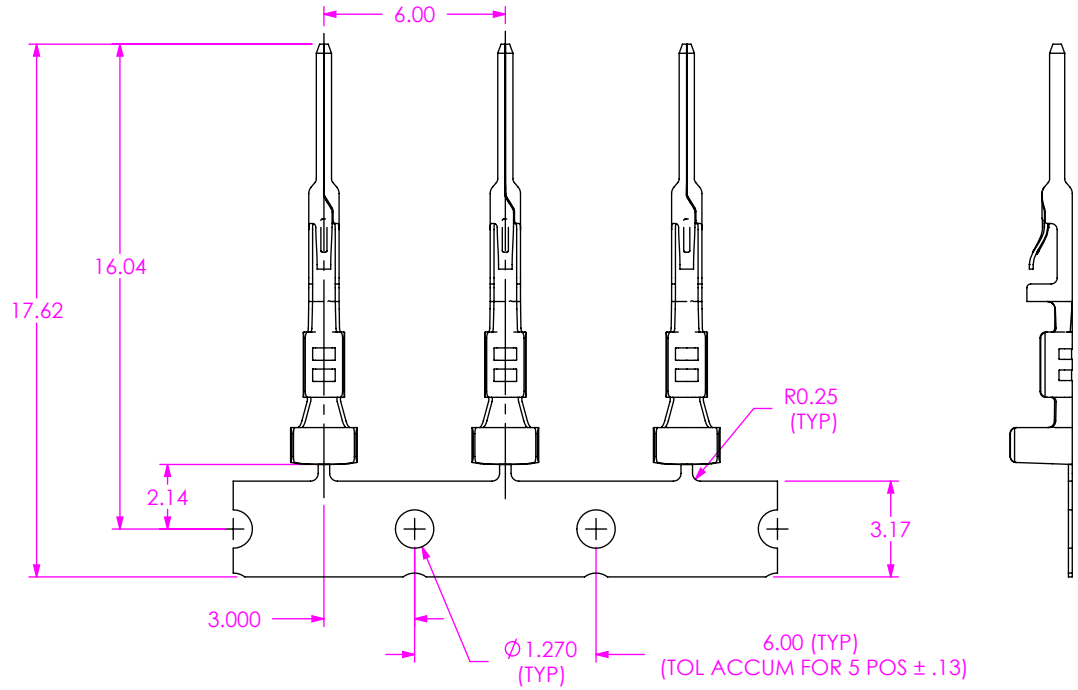2mm C.L. DISCRETE WIRE TERMINAL

DWG. NO.
T1M82-X-XXXX-01-XX
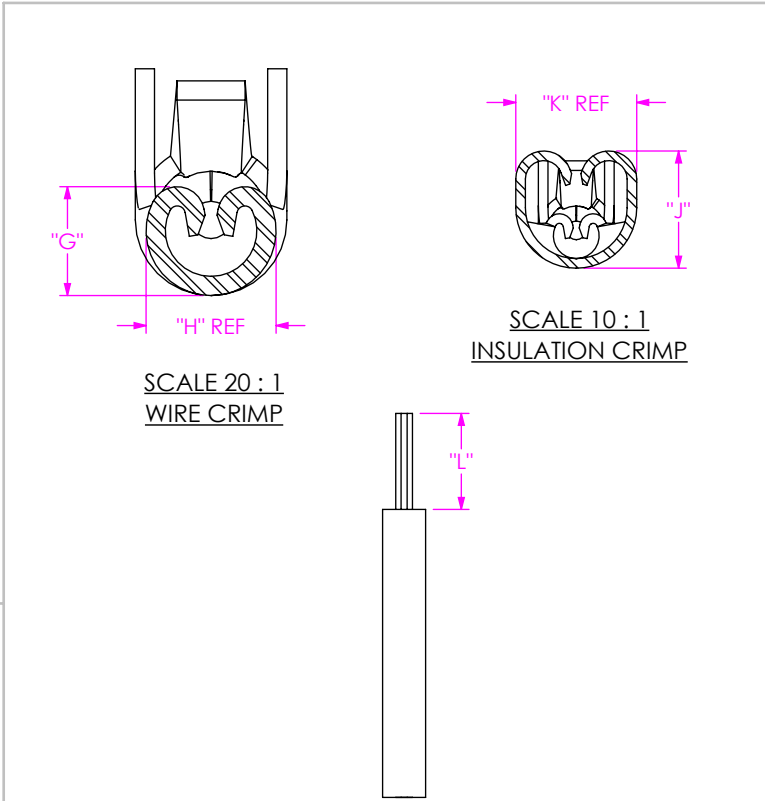
BY: J. BORGELT 08-09-2010   SHEET 1 OF 2

F:\DWG\MISC\MKTG\T1M82-X-XXXX-01-XX-MKT.SLDDRW

REVISION D

TABLE 1

LEAD STYLE	"A"	"B"	"C"	"D"	"E"	"F"
-2426	1.18	1.15	1.92	2.13	2.54	4.92
-2830	0.86	0.87	1.45	1.45	1.98	3.28

TABLE 2

P/N	AWG	"G"	"H"	"J"	"K"	"L"	"M" MAX (TAB LENGTH)	"N" MAX (VESTIGE LENGTH)	PULL FORCE (LBS)
T1M82-X-2426-01-XX	24	0.711	0.838	1.676	1.397	3.175	0.025	0.191	5
	26	0.584	0.838	1.448	1.397	3.175	0.025	0.191	3
T1M82-X-2830-01-XX	28	0.457	0.838	1.016	1.067	3.175	0.025	0.191	2
	30	0.432	0.838	0.889	1.067	3.175	0.025	0.191	1.5

6.00

16.04

17.62

2.14

3.000

∅1.270 (TYP)

6.00 (TYP) (TOL ACCUM FOR 5 POS ± .13)

3.17

R0.25 (TYP)

CARRIER SPECIFICATIONS

REEL SPECIFICATIONS

LABEL UP

R-24-05.00-0.75-P

UNWINDING DIRECTION

∅609.6

∅203.20±3.18 (HUB)

∅28.58±1.58

∅139.7

∅12.7

"G"

"H" REF

SCALE 20 : 1 WIRE CRIMP

"K" REF

"J"

SCALE 10 : 1 INSULATION CRIMP

"L"

INSULATION STRIP LENGTH

FIG 2 RECOMENDED PROCESSING
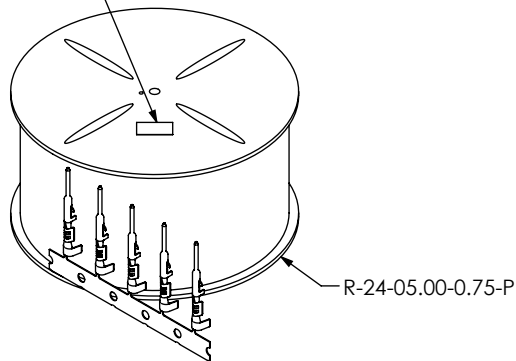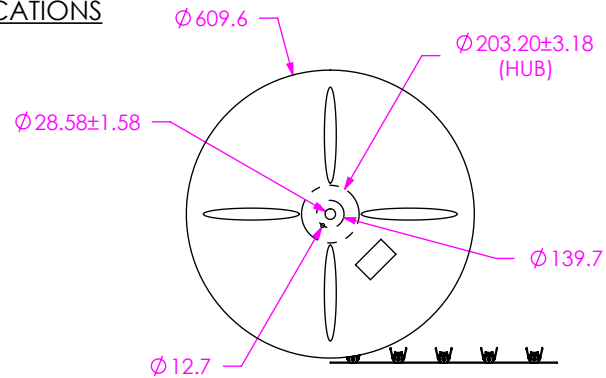
NOTES:
1. PLATED T-1M82 PARTS ARE TO BE UNWOUND, THEN REWOUND AND COUNTED, 17,000 ± 15 PCS, POSITIONED AS SHOWN ON SAMTEC REEL WITH VIEWPORTS, LABELED T1M82 WITH APPROPRIATE PLATING CALL OUT AND LABEL PLACED AS SHOWN.
2. MAXIMUM No OF SPLICES PER REEL: 2. SPLICES ARE NOT TO BE CONNECTED. NUMBER OF SPLICES TO BE MARKED ON EACH REEL.
3. REELED PARTS TO BE INTERLEAVED WITH PAPER BETWEEN EACH LAYER OF PARTS. ONE SPLICE IN INTERLEAF ALLOWED PER REEL. SECURELY CONNECT INTERLEAF SPLICE.
4. OUTER WRAP SHALL RECEIVE RB-24-0.75-P PROTECTITVE REEL BAND.

F:\DWG\MISC\MKTG\T1M82-X-XXXX-01-XX-MKT.SLDDRW

DO NOT SCALE DRAWING

SHEET SCALE: 8:1

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DESCRIPTION:
2mm C.L. DISCRETE WIRE TERMINAL

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