

D

C

B

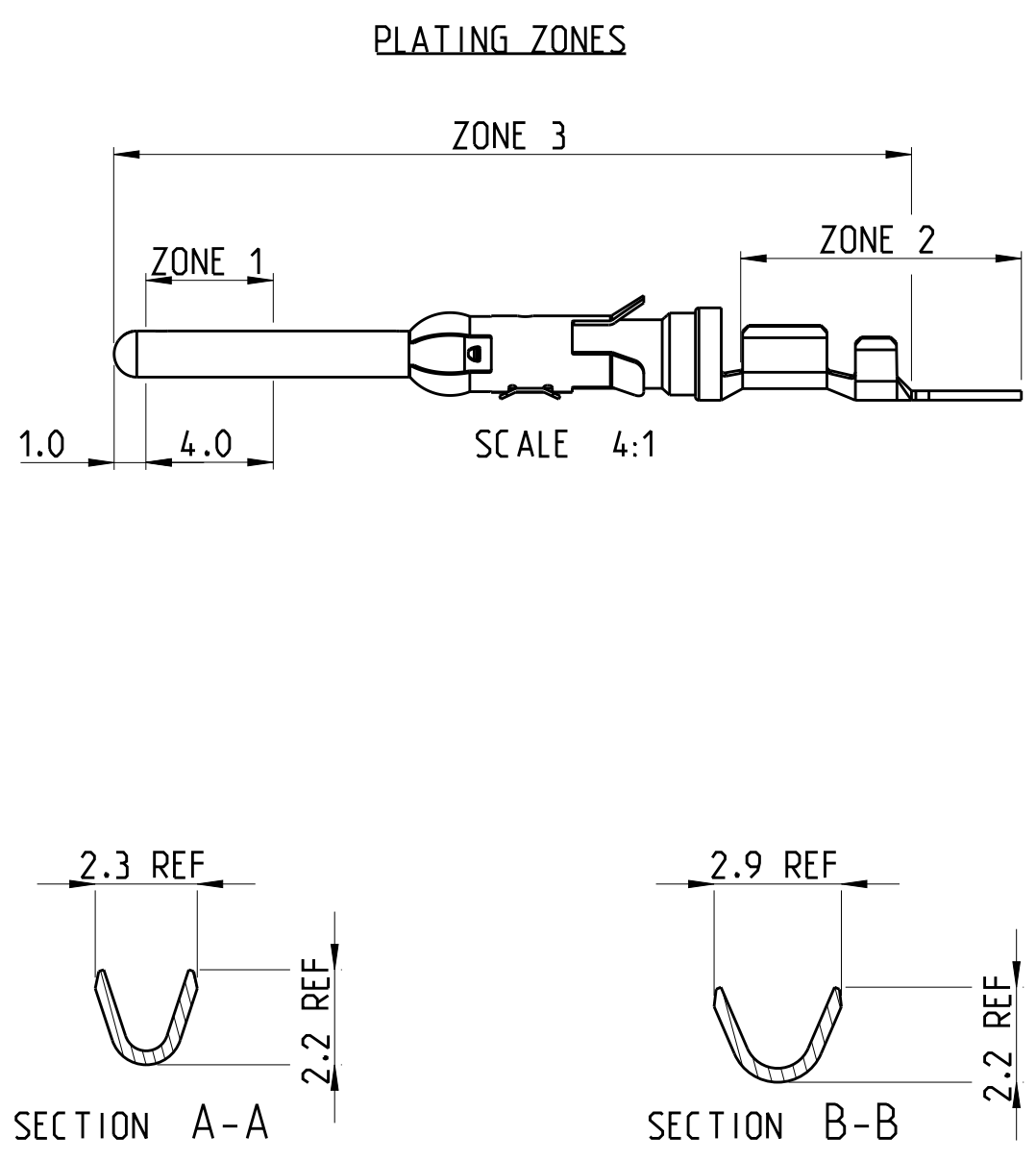
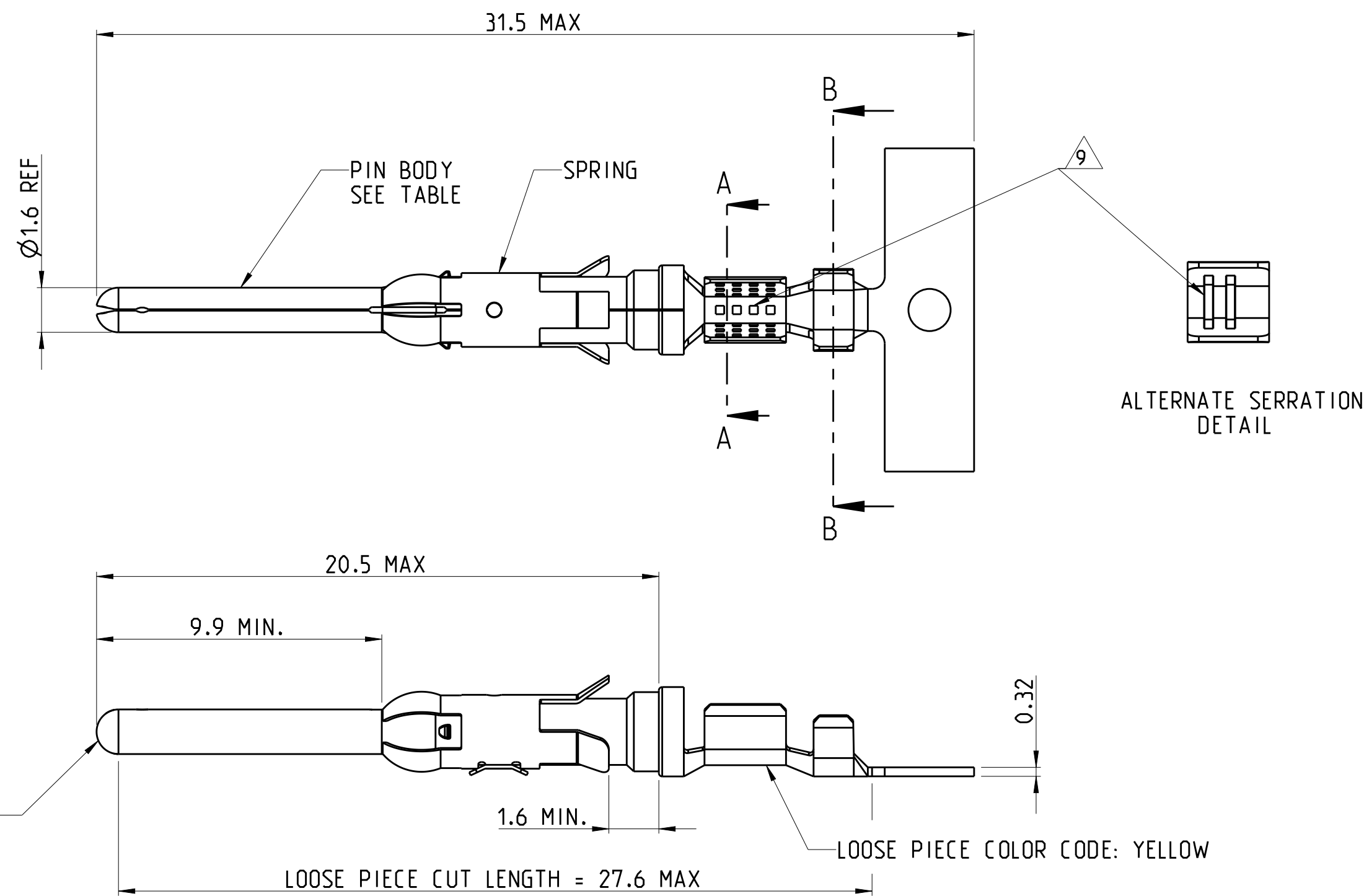
A

D

C

B

A



NOTES:

- 1

1.27 MICRON MIN NICKEL PLATE OVER ZONE 3.  
0.76 MICRON MIN PRECIOUS METAL PLATE OVER ZONE 1.  
1 MICRON MIN TIN PLATE OVER ZONE 2.  
CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-10042  
BASED ON EIA/ECA-364-1000.01A (CONTROLLED ENVIRONMENT APPLICATIONS)
- 2

1.27 MICRON MIN NICKEL PLATE OVER ZONE 3.  
0.76 MICRON MIN PRECIOUS METAL PLATE OVER ZONE 1.  
0.076 MICRON MIN GOLD FLASH PLATE OVER THE REMAINDER OF ZONE 3.  
CONFORMS TO THE REQUIREMENTS OF TE CONNECTIVITY PRODUCT SPEC 108-10042  
BASED ON EIA/ECA-364-1000.01A (CONTROLLED ENVIRONMENT APPLICATIONS)
- 3

1.54 - 2.54 MICRON SILVER PLATE OVER ZONE 3.  
0.76 MICRON MIN NICKEL PLATE OVER ZONE 3.
- 4

1.27 MICRON MIN NICKEL PLATE OVER ZONE 3.  
0.76 MICRON MIN GOLD PLATE OVER ZONE 1.  
0.076 MICRON MIN GOLDFLASH PLATE OVER THE REMAINDER OF ZONE 3.
- 5

1.27 MICRON MIN NICKEL PLATE OVER ZONE 3.  
0.76 MICRON MIN GOLD PLATE OVER ZONE 1.  
1 MICRON MIN TIN PLATE OVER ZONE 2.
- 6

HOT-DIPPED PRETIN
- 7

1.27 MICRONS MIN NICKEL PLATE OVER ZONE 3.  
1 - 3 MICRON ELECTRO-TIN PLATE OVER ZONE 3
- 8

0.76 MICRON MIN NICKEL PLATE OVER ZONE 3 PER QQ-N-290  
1.5 - 2.54 MICRON SILVER PLATE OVER ZONE 3.
- 9

SERRATIONS CAN BE MULTILOCK OR TWO SLOTS
10.

WIRE RANGE: 0.20 - 0.50 mm<sup>2</sup> (24-20 AWG)
11.

INSULATION RANGE: 1.1 - 1.8 mm (.043-.070) DIA
12.

OMISSION OF 6 CONTACTS MAX PER REEL OF 5000PCS

WIRE BARRELS  
FACE UP.

C

AS DIRECTION  
'A' BUT  
BARRELS DOWN

A

B

REELING  
DIRECTION

REELING

FINISH

SPRING MATERIAL

PIN BODY

LOOSE PIECE

PART NUMBER

|   |   |                 |       |            |            |
|---|---|-----------------|-------|------------|------------|
| C | 2 | STAINLESS STEEL | BRASS |            | 5-163085-2 |
| A | 1 | STAINLESS STEEL | BRASS | 1-163082-0 | 1-163085-1 |
| A | 7 | STAINLESS STEEL | BRASS | 163082-1   | 163085-9   |
| A | 2 | STAINLESS STEEL | BRASS | 163082-2   | 163085-8   |
| B | 2 | STAINLESS STEEL | BRASS |            | 163085-2   |
| B | 7 | STAINLESS STEEL | BRASS |            | 163085-1   |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±0.5  
1 PLC ±0.25  
2 PLC ±0.15  
3 PLC ±0.15  
4 PLC ±  
ANGLES ±2°  
FINISH

MATERIAL

SEE TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
J.BRIGHT  
26/10/11

CHK  
M.GREENER  
26/10/11

APVD  
D.PENNINGTON  
11/06/12

PRODUCT SPEC  
108-10042

APPLICATION SPEC  
114-10004

WEIGHT  
-

CUSTOMER DRAWING

NAME  
TE Connectivity

TYPE III+, SIZE 16, PIN ASS'Y  
24-20 AWG, 1.1-1.8mm DIA INSULATION

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-163085

RESTRICTED TO  
-

SCALE  
NTS

SHEET  
1

OF  
1

REV.  
AD2

1471-9 (3/11)