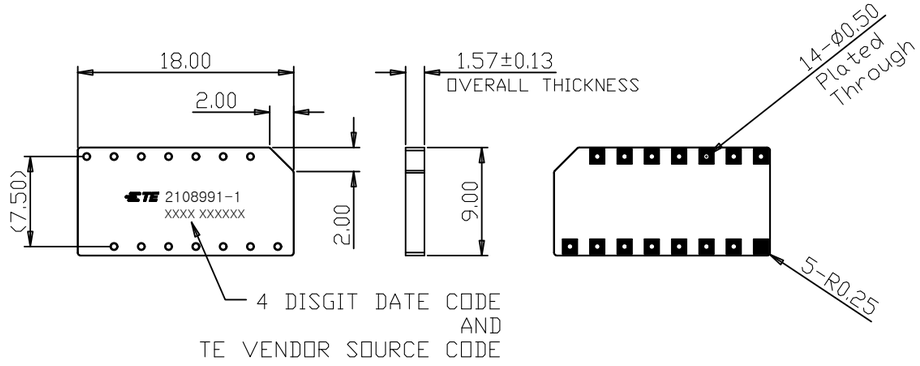
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST
DS	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD



NOTE

1. PRODUCT AND PROCESSING MEETS THE REQUIREMENTS OF TE CONNECTIVITY ENVIRONMENTAL STANDARD TEC-138-702.
2. MINIMUM IDENTIFICATION INCLUDES :
   TE LOGO, TE PART NUMBER,
   AND FOUR DIGIT DATE CODE (FIRST 2 DIGITS FOR 2ND TWO DIGITS FOR THE WEEK CODE AND THE 2ND TWO DIGITS FOR THE YEAR CODE).
   PCB REVISION AT SEPARATE LOCATION.
3. MATERIALS : PCB MATERIAL
   TOTAL THICKNESS : 1.57±0.13, 1/2 OZ. COPPER BOTH SIDES.
4. FINISH :
   A: SOLDERMASK OVER BARE COPPER (SMOBC).
   B: MASK BOTH SIDES OF PCB WITH LPI SOLDERMASK.
   SOLDERMASK COLOR : ORANGE.
   C: TOP AND BOTTOM OF TABS E.N.I.G PLATING.
5. CONSULT TE CONNECTIVITY DATA SHEET DS2108991
6. CONTACT TE CONNECTIVITY ENGINEERING PRIOR TO DESIGNING INTO AN APPLICATION.
7. PACKAGING : EMBOSSED TAPE, SEE TAPE AND REEL VIEWS ON SHEET 2.

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
GENERAL TOLERANCE IS ±0.1
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±—

MATERIAL

FINISH

DWN DW.PARK 20AUG2018
CHK
APVD JH.KIM 20AUG2018
PRODUCT SPEC 108-61420
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME Helical antenna for IoT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2108991	—

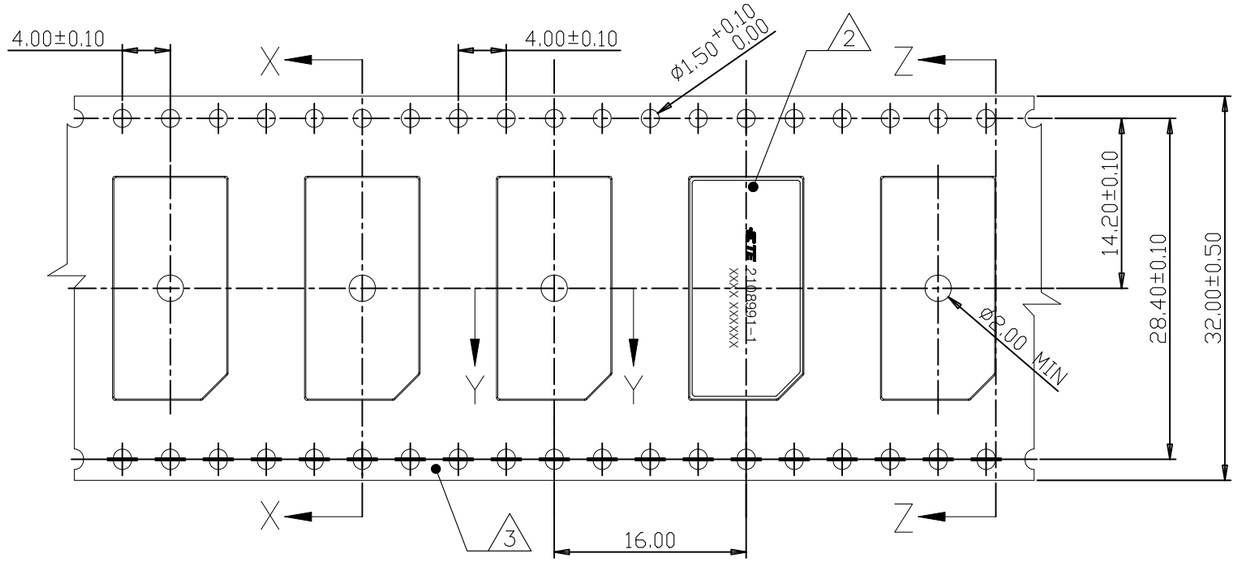
CUSTOMER DRAWING | SCALE 2:1 | SHEET 1 OF 2 | REV A

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

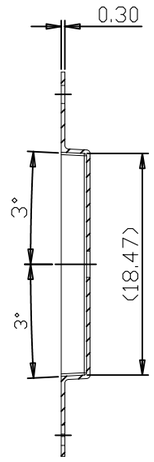
LOC	DIST
DS	—

REVISIONS

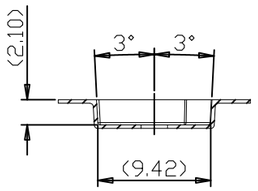
P	LTR	DESCRIPTION	DATE	DWN	APVD



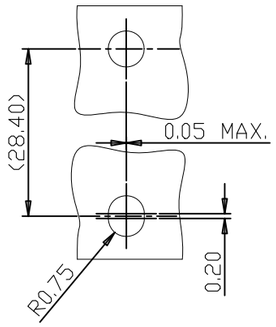
USER DIRECTION OF UNREELING



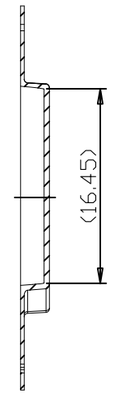
SECTION X-X



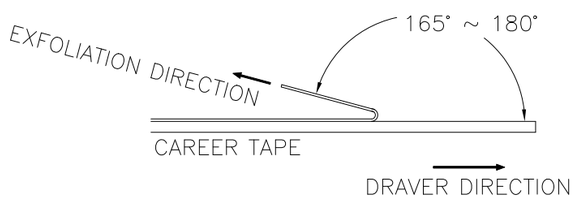
SECTION Y-Y

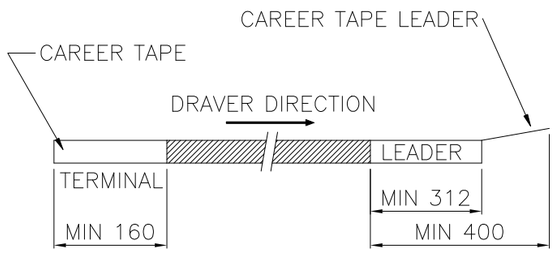


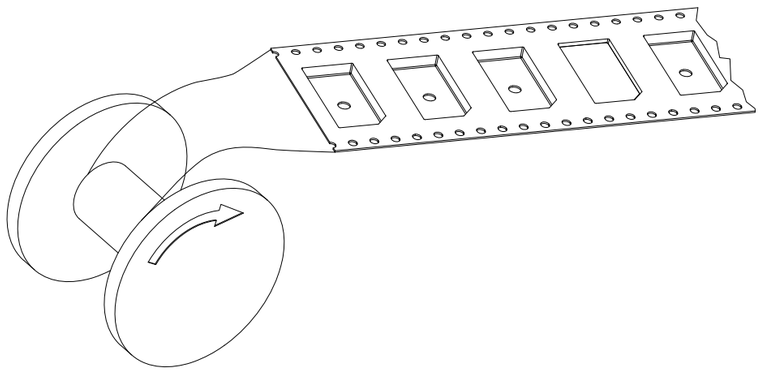
DETAIL, ELONGATION AND SKEW OF SPROCKET HOLES



SECTION Z-Z







NOTE

1. UNLESS OTHERWISE SPECIFIED TOLERANCE PER EIA-481-D
2. ORIENT PARTS AS SHOWN.
3. PARTS ARE COMPLIANT TO RoHS STANDARDS PER TE CONNECTIVITY STANDARD TEC – 138 – 702
4. ALL INFORMATION ON THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY TO TE CONNECTIVITY.

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
GENERAL TOLERANCE IS ±0.1
0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±–

MATERIAL

FINISH

DWN DW.PARK	20AUG2018	TE Connectivity
CHK		
APVD JH.KIM	20AUG2018	NAME Helical antenna for IoT
PRODUCT SPEC 108-61420		
APPLICATION SPEC —		
WEIGHT —		

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2108991	—

CUSTOMER DRAWING	SCALE 2:1	SHEET 2 OF 2	REV A