



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

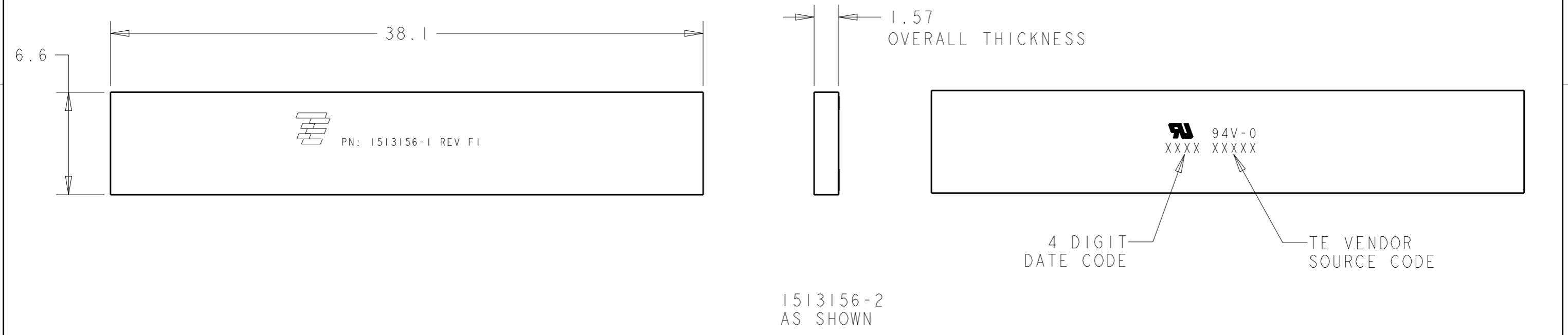
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



THIS DRAWING IS UNPUBLISHED.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

LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
HQ	00		F1	REV PER ECO 12-016455	13SEP2012	DW	GG



NOTES: UNLESS OTHERWISE SPECIFIED.

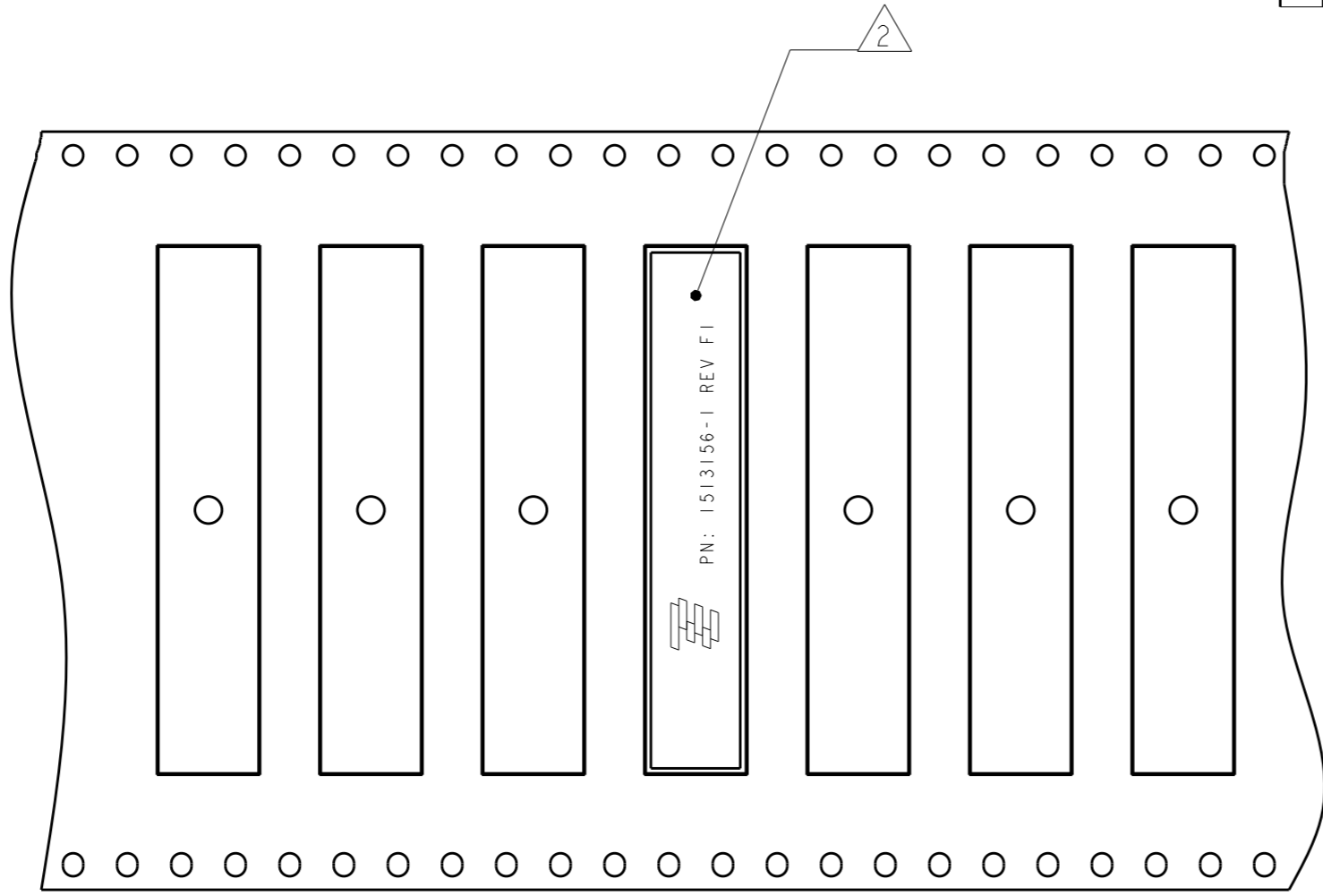
- FABRICATE TO MEET IPC - 6012, CLASS 2.
INSPECT TO MEET IPC - A - 600, CLASS 2.
- PRIMARY AND SECONDARY SIDES SHOWN.
- MATERIAL: GETEK 8 PLY (7628) 1.49 THK.
GRADE RG200D 1/2 OZ. COPPER BOTH SIDES.
DIELECTRIC CONSTANT @ 1MHZ 4.2±0.1.
- FINISH:
A: SOLDERMASK OVER BARE COPPER (SMOBC).
B: MASK BOTH SIDES OF PCB WITH LPI SOLDERMASK.
SOLDERMASK COLOR: NATURAL GREEN.
C: E.N.I.G PLATING
- TWO PLACE TOLERANCES: ±0.23
- PACKAGING: TAPE AND REEL, SEE SHEET 2
- PARTS ARE COMPLIANT TO ROHS STANDARDS PER TYCO ELECTRONICS STANDARD TEC-138-702.
- CONSULT TYCO ELECTRONICS DATA SHEET DS1513156
- CONTACT TYCO ELECTRONICS ENGINEERING PRIOR TO DESIGNING INTO AN APPLICATION

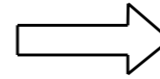
FOR TAPE AND REEL PACKAGING, ORDER P/N 1513156-1
 FOR BULK PACKAGING, ORDER P/N 1513156-2


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.		DWN DJI	30AUG2004	Tyco Electronics Rochester, New York 14623	
DIMENSIONS: mm		CHK -	APVD -	NAME European Cellular Antenna	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC -	APPLICATION SPEC -	SIZE A3	CAGE CODE 00779
MATERIAL -	FINISH -	WEIGHT -	DRAWING NO G-1513156	RESTRICTED TO -	
CUSTOMER DRAWING			SCALE 2:1	SHEET 1	OF 2
			REV F1		


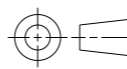
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
 © COPYRIGHT 20 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
HQ	00	-	SEE SHEET 1	-	-



P/N 1513156-1  UNREELING DIRECTION

- NOTES: UNLESS OTHERWISE SPECIFIED.
- REFER TO TYCO ELECTRONICS DRAWING NO. C-1533293 (PN: 1533293-8) FOR PACKAGING CONTROLLED DOCUMENT SPECIFICATION.
 -  ORIENT PARTS AS SHOWN.
 - PARTS ARE COMPLIANT TO RoHS STANDARDS PER TYCO ELECTRONICS STANDARD TEC-138-702
 - ALL INFORMATION ON THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS.

<small>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.</small>		DWN	30AUG2004		 Tyco Electronics Rochester, New York 14623
DIMENSIONS: mm		CHK	-		
		APVD	-		NAME European Cellular Antenna
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		PRODUCT SPEC	-		
MATERIAL	-	APPLICATION SPEC	-		SIZE A3 CAGE CODE 00779 DRAWING NO. C-1513156 RESTRICTED TO -
FINISH	-	WEIGHT	-		CUSTOMER DRAWING SCALE 2:1 SHEET 2 OF 2 REV F1