

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

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RELEASED FOR PUBLICATION

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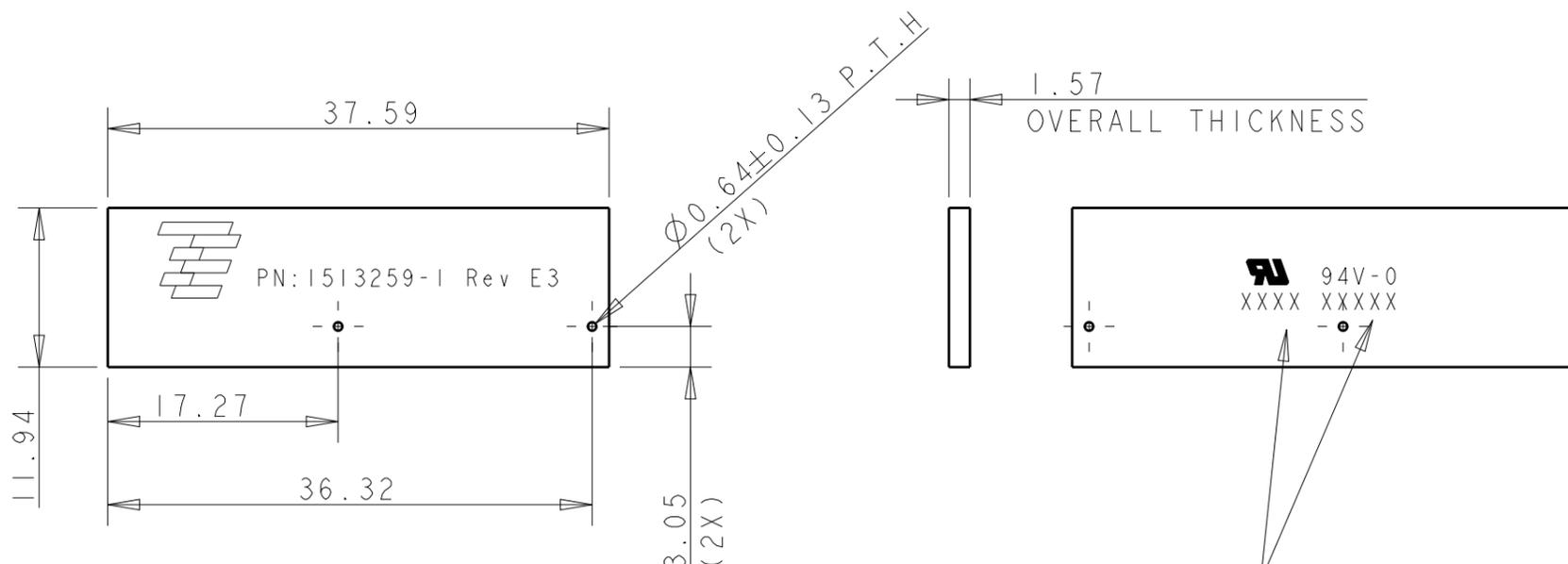
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LOC HQ DIST 00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	E3	REVISED PER ECO-12-0016455	12SEP2012	DW	GG



4 DIGIT DATE CODE  
AND  
TE CONNECTIVITY VENDOR  
SOURCE CODE

LOOSE PIECE ANTENNA  
P/N 1513259-1 AS SHOWN

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) 1.49JTHK. GRADE RG200D 1/2 OZ. COPPER BOTH SIDES. DIELECTRIC CONSTANT @ 1MHZ 4.2±0.1.
- FINISH:  
A: 1/2 Oz COPPER PLATING  
B: SOLDERMASK OVER BARE COPPER (SMOBC).  
C: MASK BOTH SIDES OF PCB WITH LPI SOLDERMASK. SOLDERMASK COLOR: NATURAL GREEN.  
D: TOP AND BOTTOM OF PABS E.N.I.G PLATING
- TWO PLACE TOLERANCES: ± 0.23
- PACKAGING: SINGULATED PARTS TO BE SECURELY SHRINK WRAPPED, BAGGED OR VACUUM PACKED IN BULK. FOR TAPE AND REEL SEE SHEET 2
- PARTS ARE COMPLIANT TO ROHS STANDARDS PER TE CONNECTIVITY STANDARD TEC-138-702.
- CONSULT TE CONNECTIVITY DATA SHEET DSI513259
- CONTACT TE CONNECTIVITY ENGINEERING PRIOR TO DESIGNING INTO AN APPLICATION

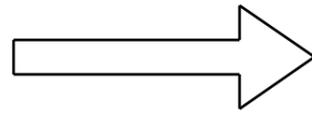
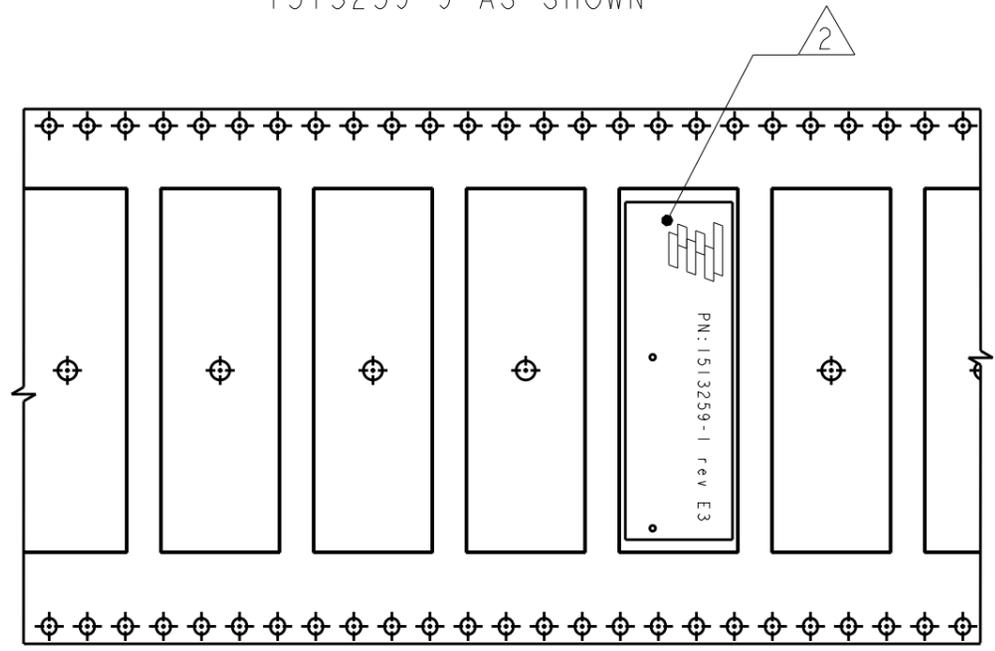
FOR BULK PACKAGING, ORDER P/N 1513259-1  
FOR TAPE & REEL PACKAGING, ORDER P/N 1513259-9

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN DJL 13MAR2007	 TE Connectivity	
DIMENSIONS: mm		CHK -		
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME World GSM Antenna
MATERIAL -		FINISH -		PRODUCT SPEC -
				APPLICATION SPEC -
				WEIGHT -
				SIZE A3 CAGE CODE 00779 DRAWING NO C-1513259 RESTRICTED TO -
				CUSTOMER DRAWING SCALE 1:2 SHEET 1 OF 2 REV E3

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

1513259-9 AS SHOWN



UNREELING DIRECTION

NOTES: UNLESS OTHERWISE SPECIFIED.

1. REFER TO TE CONNECTIVITY DRAWING NO. C-1533293 (PN: 1533293-7) FOR PACKAGING CONTROLLED DOCUMENT SPECIFICATION.

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.		DWN DJL 13MAR2007		
DIMENSIONS: mm		CHK -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	NAME World GSM Antenna	
0 PLC ±-		PRODUCT SPEC -	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
1 PLC ±-		APPLICATION SPEC -	A300779 C-1513259	
2 PLC ±-		WEIGHT -	SCALE 1:2 SHEET 2 OF 2 REV E3	
3 PLC ±-		CUSTOMER DRAWING		
4 PLC ±-				
ANGLES ±-				
MATERIAL - FINISH -				