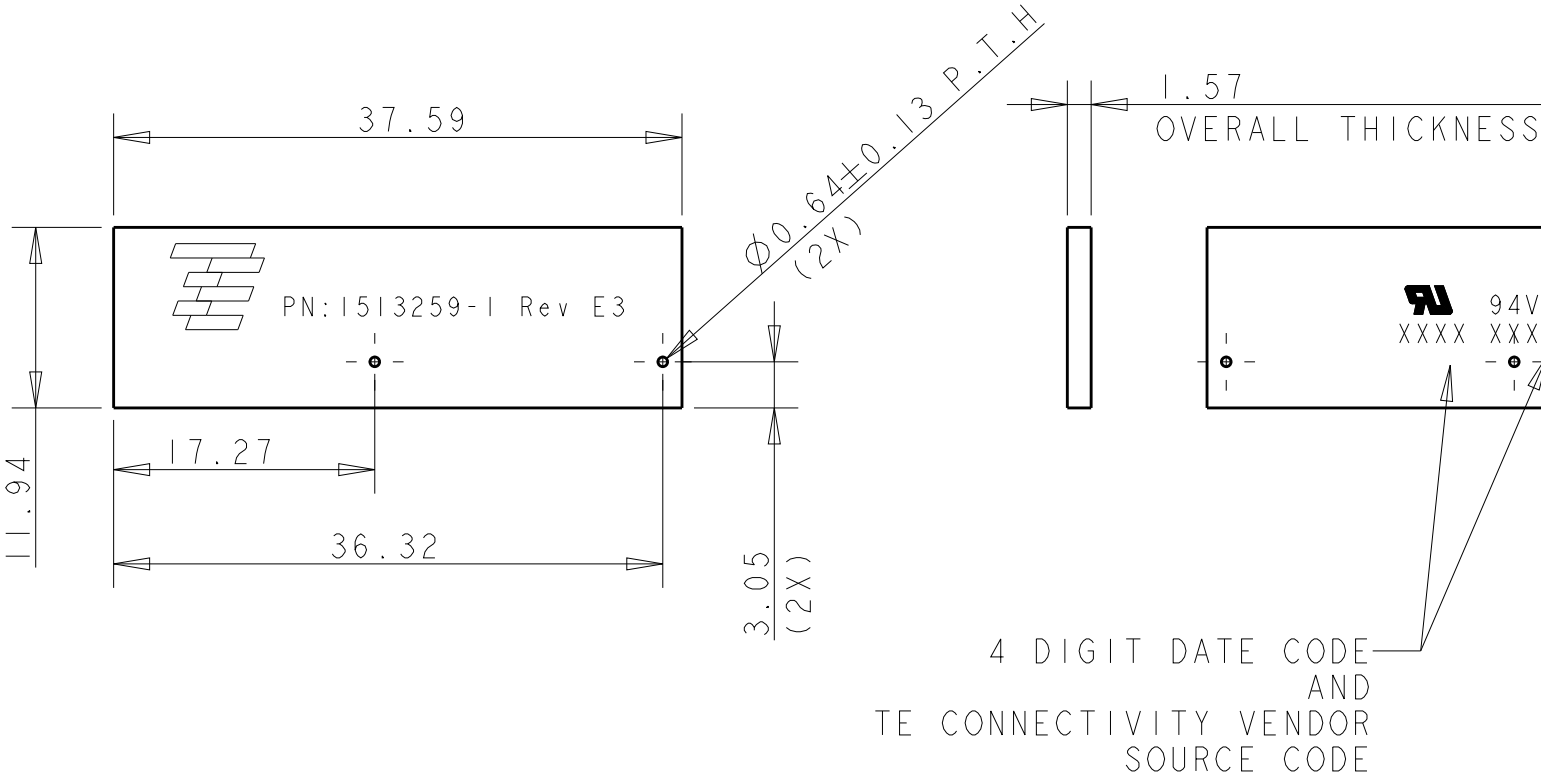



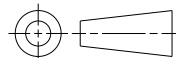
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
HQ	00		E3	REVISED PER ECO-12-0016455	12SEP2012	DW	GG

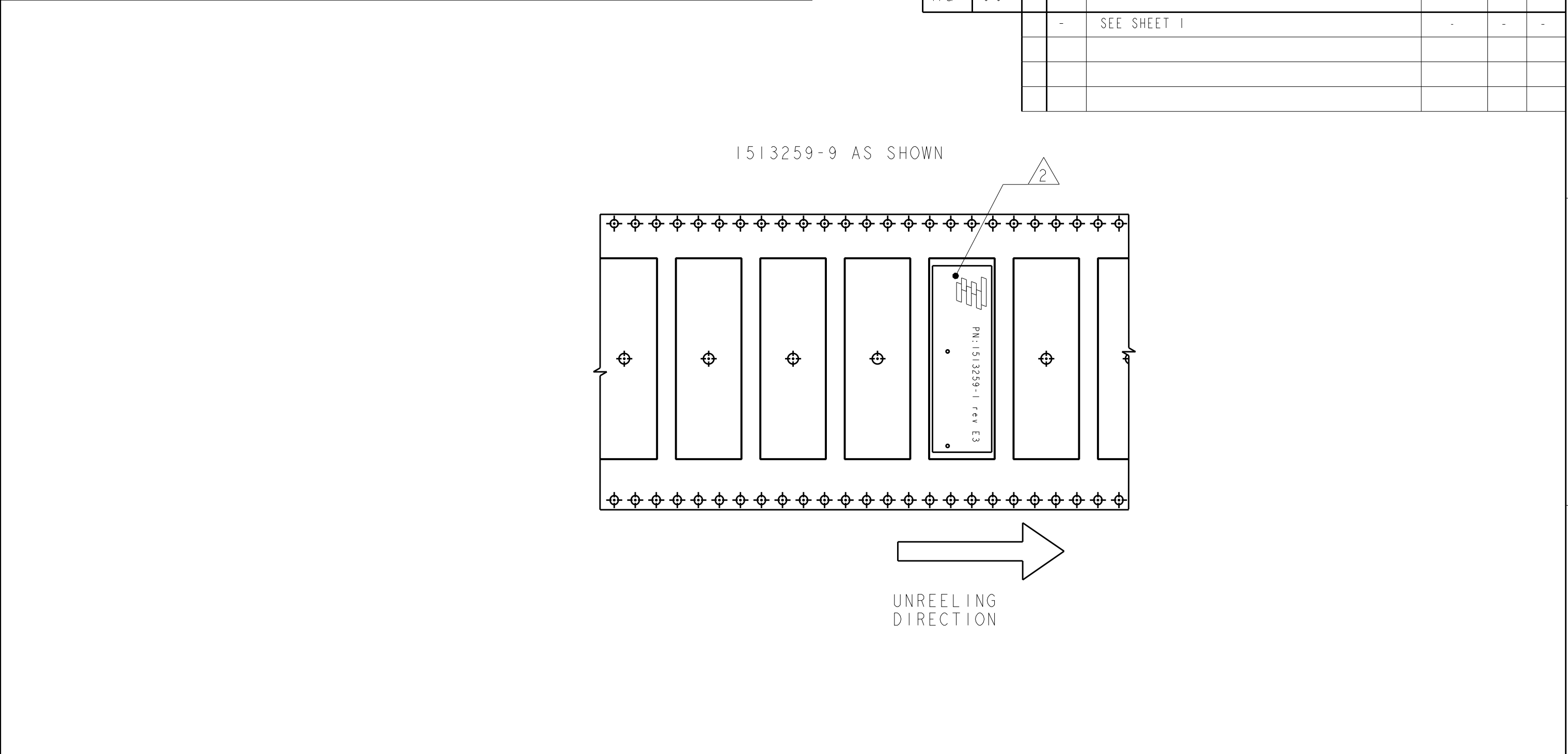


LOOSE PIECE ANTENNA  
P/N 1513259-1 AS SHOWN


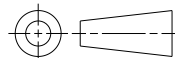
- NOTES: UNLESS OTHERWISE SPECIFIED.
- FABRICATE TO MEET IPC - 6012, CLASS 2.  
INSPECT TO MEET IPC - A - 600, CLASS 2.
  - PRIMARY AND SECONDARY SIDES SHOWN.
  - MATERIAL: GETEK 8 PLY (7628) 1.49JTHK.  
GRADE RG200D 1/2 OZ. COPPER BOTH SIDES.  
DIELECTRIC CONSTANT @ 1MHZ 4.2±0.1.
  - FINISH:  
A: 1/2 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 -	APVD -		NAME World GSM Antenna - -								
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC -									
		0 PLC ±-		APPLICATION SPEC -									
		1 PLC ±-		-									
2 PLC ±-		3 PLC ±-		4 PLC ±-		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO -				
3 PLC ±-		4 PLC ±-		ANGLES ±-		A300779C-1513259							
MATERIAL -		FINISH -		WEIGHT -		CUSTOMER DRAWING				SCALE 1:2	SHEET 1	OF 2	REV E3



- 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		 TE Connectivity												
DIMENSIONS: mm		CHK -	NAME World GSM Antenna														
 <table><tr><td>0 PLC</td><td>±-</td></tr><tr><td>1 PLC</td><td>±-</td></tr><tr><td>2 PLC</td><td>±-</td></tr><tr><td>3 PLC</td><td>±-</td></tr><tr><td>4 PLC</td><td>±-</td></tr><tr><td>ANGLES</td><td>±-</td></tr></table>		0 PLC	±-	1 PLC	±-	2 PLC	±-	3 PLC	±-	4 PLC	±-	ANGLES	±-	APVD -	- - -		
		0 PLC	±-														
		1 PLC	±-														
		2 PLC	±-														
3 PLC	±-																
4 PLC	±-																
ANGLES	±-																
PRODUCT SPEC -																	
APPLICATION SPEC -																	
WEIGHT -																	
MATERIAL -	FINISH -	SIZE A3		CAGE CODE 00779	DRAWING NO C-1513259	RESTRICTED TO -											
CUSTOMER DRAWING		SCALE 1:2		SHEET 2		OF 2	REV E3										