



PRODUCT CONTROL DRAWING

Intermec P/N	Description	Manufacturer	Manufacturer P/N	1 st Used on
805-846-001	LF RFID Antenna, Snap-On	Laird Corp.	EM00046-IT1	CN70/CK70

SEE SEPARATE PARTS LIST

- 1.0 REQUIREMENTS:** This specification identifies the requirements for an RFID antenna operating in the low frequency (LF) range for use in 70 Series terminals as follows:

<u>Intermec P/N</u>	<u>RFID Type</u>	<u>RFID Frequency Range</u>	<u>Constuction</u>
-001	FCC	125 to 134 kHz	125 turns of #32AWG

- 1.1** Country of Origin requirements must conform to document 609030, US Customs Product Documentation Requirements.
- 1.2** Part revision controlled by Revision History document.
- 1.3** Changes require Safety and Compliance (SAC) Department approval.
- 1.4** This product must conform to all applicable Intermec environmental compliance requirements defined in Doc #631869, Intermec Product Environmental Compliance Requirements, most current revision.
- 2.0 QUALITY ASSURANCE:** Intermec Receiving Inspection reserves the right to use AQL sampling techniques when inspecting a lot.
- 3.0 MARKINGS:** Packaging labeling shall be per Intermec documents as shown below, latest revision:
- 606427 – Dash Number Part Identification and Marking
 - 609030 – US Customs Product Documentation Requirements
 - 607767 – Packaging and Labeling Requirements for Incoming Materials

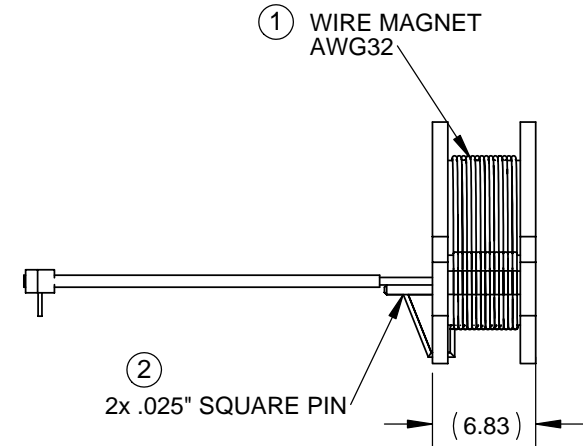
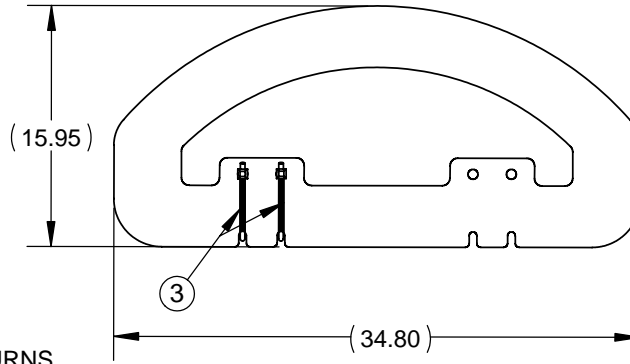
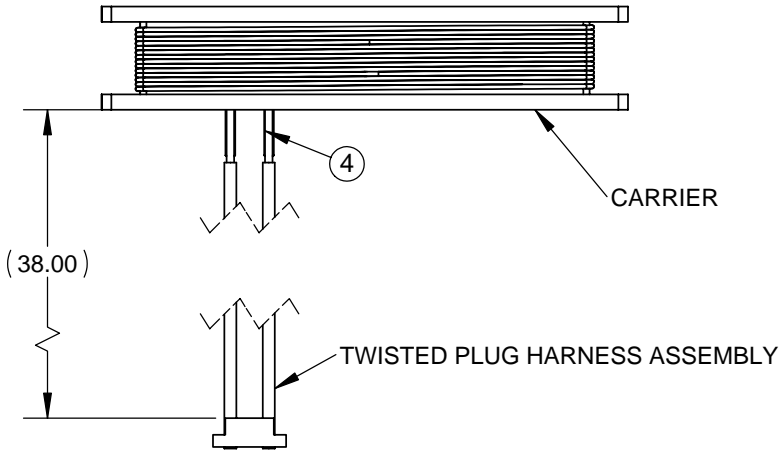
- 4.0 MANUFACTURER'S DRAWING (SEE ATTACHED SHEET):**

REVISION HISTORY

Rev.	CN	Description of Change	Date
A	332296	Release	8/20/13

DRAWN BY: J. McROBERTS	CAGE CODE 33825	Intermec Technologies Corp. 6001 36 th Ave W. Everett, Wa 98203	TITLE RFID ANTENNA, LF, SNAP-ON, RoHS
COGNIZANT ENGR: R. ZIGLER	REV. A	Sheet 1 of 2	INTERMEC DRAWING NO. 805-846

PARAMETER	PERFORMANCE
MODEL NUMBER	EMM00046-IT1
ANTENNA TYPE	RFID LF ANTENNA
CABLE TYPE	KYOCERA 8005 SERIES HARNESS ASSY
	UL94 V-2
CARRIER	SABIC VALOX 420SE0 PBT NATURAL
	UL94 V-0
PART WEIGHT	4.8g
RoHS COMPLIANCE	YES



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NOTE:

1. WIND WIRE MAGNET AROUND THE CARRIER 125 TURNS
2. PRESS FIT 2 SQUARE PIN INTO CARRIER
3. SOLDER WIRE MAGNET TO THE SQUARE PIN
4. SOLDER PLUG HARNESS ASSEMBLY TO THE SQUARE PIN

<p>The component(s), including any plating, finishes, coatings, chemicals and surfaces treatments, supplied in this document/drawing must conform and comply with the latest issue of Laird Technologies Specification LT-GES-001, which fully includes but is not limited to all contents of EU Directives 2002/95/EC (RoHS Directive), as well as includes requirements of the Joint Industry Guide standard JIG-101, April 2005. The component(s) in this document/drawing may be subject to a full compound analysis for proof of compliance. The latest issue of Laird Technologies Specification LT-GES-001, (General Specification for the Environment) is readily available upon request from the supplier.</p>	MATERIAL:		<p>THIRD ANGLE PROJECTION</p>	<p>INFRASTRUCTURE ANTENNA SYSTEM PENANG, MALAYSIA</p>			
	FINISH:				<p>DO NOT SCALE DRAWING</p>		
	APPROVALS		DATE	<p>INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009</p>	<p>TITLE: INTERMEC RFID SNAP ON LF ANTENNA MOUNTING AND OUTLINE</p>		
	DRAWN BY	CY HANG	07AUG13			<p>TOLERANCES UNLESS OTHERWISE SPECIFIED</p>	
PROJ. ENG.		LL TEOH	07AUG13	<p>DIMENSIONS ARE IN MILLIMETERS</p> <p>ANGLE: ±30' 0 PLACE DECIMAL: ±0.5 1 PLACE DECIMAL: ±0.25 2 PLACE DECIMAL: ±0.13 SURFACE ROUGHNESS 1.6/√</p>	<p>SIZE A4</p>	<p>DWG. NO. EMM00046-IT1MO</p>	<p>REV 3</p>
APPL. MECH.					<p>SCALE: 2:1</p>	<p>PREVIOUS#</p>	<p>SHEET 1 OF 1</p>
MFG.		SC NG	07AUG13				

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