



REVISIONS					
ZONE	REV	DESCRIPTION		ECO	APRVD ENG
	01	ADD FCC, IC NUMBERS & MAKE CM PRINTABLE LBL		02/22/23	EJD

- NOTES: UNLESS OTHERWISE SPECIFIED
- THIS IS A COMPUTER GENERATED DOCUMENT. ALL CHANGES MUST BE MADE TO THE MASTER DATABASE ONLY.
 - REFERENCE BOM 75-10105-XX.
 - ROUTE JOGGLED END OF ITEM 3, ANTENNA, THRU ITEM 6, LIGHT PIPE (LP) HOLE NEAR AMBIENT LIGHT SENSOR LP AND INSTALL THIS END INTO ITEM 2, PCA, ANTENNA CONNECTOR. SEAT TO JOGGLE.
 - INSTALL ITEM 6, LIGHT PIPE (LP) ABOUT ITEM 4, LENS AND ITEM 4, LENS CAP, MAKING SURE ALL THREE PARTS ARE ALIGNED PROPERLY AND THAT THE LP SNAPS SECURELY IN PLACE ON THE LENS CAP.
 - INSTALL ASSEMBLED PLASTICS ONTO ITEM 2, ALIGNING LENS NOTCH TO DPIR COMPONENT TAB. SEAT FIRMLY.
 - INSTALL ASSEMBLED SENSOR CONNECTOR TO ITEM 5, GATEWAY PCA CONNECTOR. SEAT CONNECTORS FULLY.
 - INSTALL ASSEMBLED PCAs INTO ITEM 1, SNAP HALFTUBE. ASSURE ALL COMPONENTS ARE SEATED IN THEIR ASSOCIATED NOTCHES AND SUPPORTS.
 - INSTALL ITEM 5, HALF TUBE ONTO ITEM 1, SNAP HALF TUBE, MAKING SURE THE TWO HALF TUBES SNAP SECURELY IN PLACE AND THE LENS CAP IS RETAINED PROPERLY.
 - REMOVE LABELS FROM BACKING PAPER AND APPLY WHERE INDICATED, INSURE LABEL OVER LAPS BOTH HALF TUBE SEAMS.

75-10105-07_01 BOM Table									
ITEM NO.	PartNo	Revision	DESCRIPTION	Qty.	Vendor	VendorNo	VendorRev	Vendor2	Vendor2No
1	30-10078-01	07	PLASTC FAB,MOLDED, SENSOR SNAP HALF TUBE, BC	1	Union Electric Corp	30-10078-01	07		
2	82-00106-08	01	wtec Marconi PCA	1	Sittig	82-00106-08	01		
3	30-10211-02	05	METAL FAB, STMPD, ANTENNA, SENSOR 3	1	Scandic	30-10211-02	05		
4	31-10001-01	01	LENS, PIR, FRESNEL, CONVEX	1	Nicera (Nippon Ceramic)	NCL-9(26)	NA	Zilog	PS0286
5	82-00046-04	01	Redwood System BFG PCA	1	Sittig	82-00046-04	01		
6	30-10077-01	03	PLASTC FAB,MOLDED, SENSOR LP, BC	1	Union Electric Corp	30-10077-01	03		
7	30-10076-01	03	PLASTC FAB,MOLDED, SENSOR CAP, BC	1	Union Electric Corp	30-10076-01	03		
8	30-10079-01	04	PLASTC FAB,MOLDED, SENSOR LATCH HALF TUBE, BC	1	Union Electric Corp	30-10079-01	04		
9	60-10105-02	03	LABEL, MODEL/SERIAL/PWR/AGENCY, MARCONI	1	Sittig	60-10105-02	03		

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. GENERAL TOLERANCES ARE:		
LINEAR .X ±.5 .XX ±.25 .XXX ±.100	ANGULAR ±1°	HOLE Ø .XX ±.25 .XXX ±.100
MATERIAL SEE NOTE		
FINISH SEE NOTE		

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APPROVALS	DATE
DRAWN E DEVENPORT	02/22/2023
CHECKED	
ENGR	
MFG ENGR	

smartengine wtec	
TITLE: ELMECH ASY, WTEC, MARCONI	
SIZE D	DWG. NO. 75-10105-07
SCALE: 2:1	DO NOT SCALE DRAWING
SHEET	1 OF 1