NOTE:

1.) IF "ANT OUT" IS UNUSED, INSTALL SMA PLUG TERMINATION (HUT P/N CON428). TORQUE TO 7-10 IN LBS (100 N cm).

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	CHANGED PER ECN 743.	9-30-03	D. CAPKA
B	CHANGED PER ECN 775.	12-31-03	D. CAPKA
C	CHANGED PER ECN 851.	6-15-04	D. CAPKA
D	CHANGED PER ECN 2002.	7-11-07	D. CAPKA

CONNECTOR J1 – 37D PINS, KYCON P/N KF44-C37P-S (SIMILAR TO M24308/24-28)
MATES WITH – ITT P/N DCA37SA197FO

Pin	Function	Pin	Function
1		20	
2		21	
3		22	RS232 TX
4	RS232 RX	23	RS232 GND
5		24	
6		25	
7		26	
8		27	
9		28	
10	DISCRETE OUTPUT 0	29	DISCRETE OUTPUT 1
11	DISCRETE OUTPUT 2	30	DISCRETE OUTPUT 3
12		31	
13		32	
14		33	422TXL
15	422TXH	34	422RXL
16	422RXH	35	
17		36	
18	28VDC ENABLE	37	GND
19	28 VDC INPUT		

CONNECTOR ANTIN – SMA Jack, TYCO 1051942-1
MATES WITH – AMPHENOL P/N 901-9876-RFX

Pin	Function
1	ANTENNA IN (SMA JACK)

CONNECTOR ANTOUT – SMA Jack, TYCO P/N 1051942-1, MATES WITH – AMPHENOL P/N 901-9876-RFX

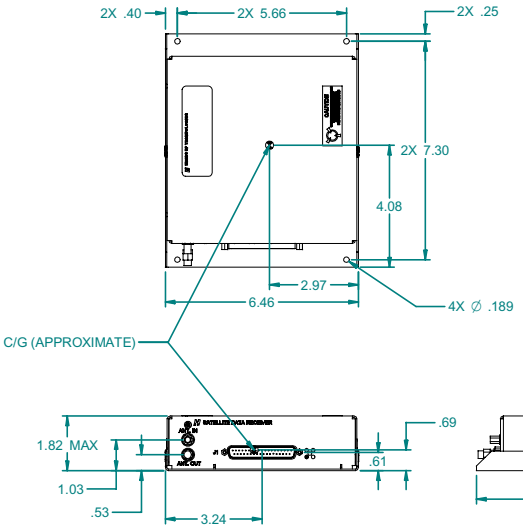
Pin	Function
1	ANTENNA OUT (SMA JACK)

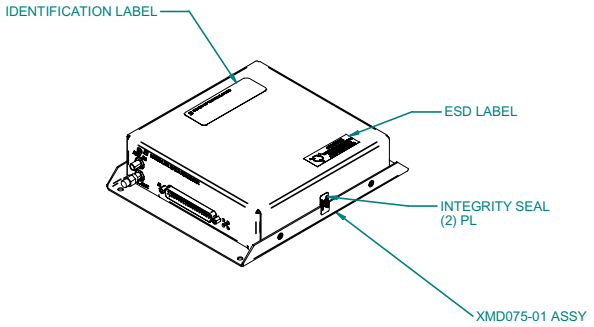
POWER REQUIREMENTS:

THE RECEIVER ASSEMBLY IS POWERED BY 28VDC WITH A NOMINAL CURRENT OF 0.12A AT 28VDC.

UNIT WEIGHT IS APPROX 1.4 LBS.

THIS IS AN INSTALLATION CONTROL DRAWING THAT REFERENCES HEADS UP TECHNOLOGIES PART# XMD075-01.





QTY	ITEM NO	PART NUMBER	DESCRIPTION	SPECIFICATION	NOTES

PARTS LIST

USED ON | NEXT ASSY

UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN INCHES
- TOLERANCES: ANGLES ± 1°, 3 PLACE DECIMALS ±.010, 2 PLACE DECIMALS ±.02
- INTERPRET DRAWING PER DOD-D-1000
- REMOVE ALL BURRS AND SHARP EDGES
- CONCENTRICITY MACHINED DIAMETERS .010 FIM
- DIMENSIONAL LIMITS APPLY BEFORE PROCESSES
- PARENTHETICAL INFO FOR REF ONLY

HOLE DIAMETER TOLERANCE

.013 THRU .125 + .004 - .001	.126 THRU .250 + .005 - .001	.251 THRU .500 + .006 - .001
.501 THRU .750 + .008 - .001	.751 THRU 1.000 + .010 - .001	1.001 THRU 2.000 + .012 - .001

DWN: D. CAPKA	DATE: 9-15-03	
CHECK: D. CAPKA	DATE: 9-15-03	
ENGR: D. CAPKA	DATE: 9-15-03	
APPROVED: SIGNATURE ON FILE	DATE:	
RELEASED: SIGNATURE ON FILE	DATE:	
CONTRACT:		
PROJECT:		

HEADS UP TECHNOLOGIES
2033 Chennault Drive Suite 100
Carrollton, TX 75006 (972) 407-1131

INTERFACE CONTROL DRAWING (ICD)
XM EFB DATA RECEIVER

SIZE	FILENAME:	DRAWING NO
B	XMD075-01-ICD_D.dft	XMD075-01-ICD

SCALE: NONE | REV: D | SHEET 1 OF 1