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HEADS UP TECHNOLOGIES, INC. PROPRIETARY
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO HEADS UP TECHNOLOGIES, INC. AND SHALL NOT BE DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY PURPOSE EXCEPT WHEN SUCH USER POSSESSES DIRECT WRITTEN AUTHORIZATION FROM HEADS UP TECHNOLOGIES, INC.

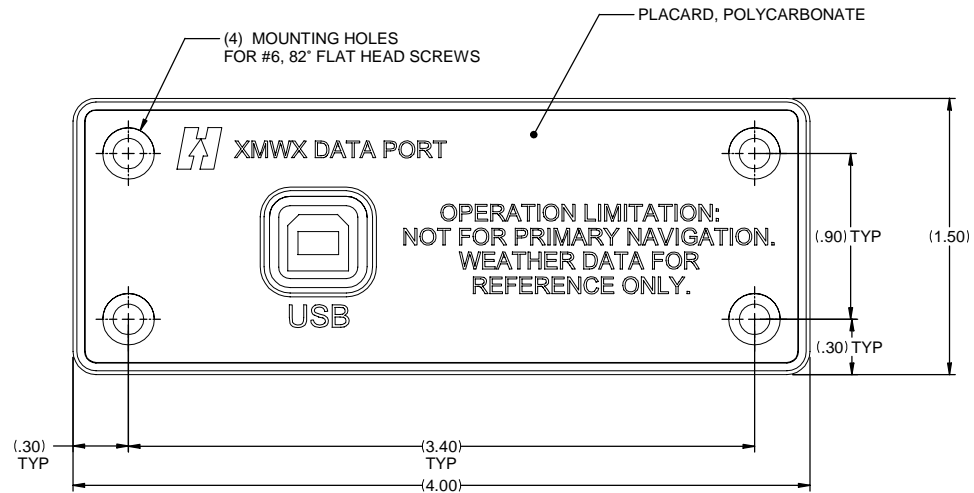
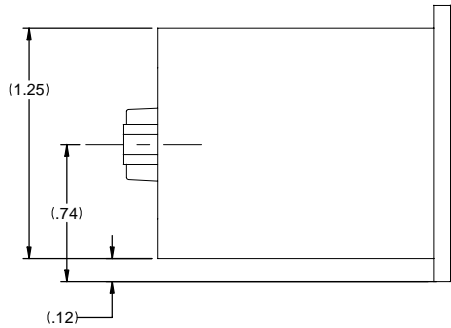
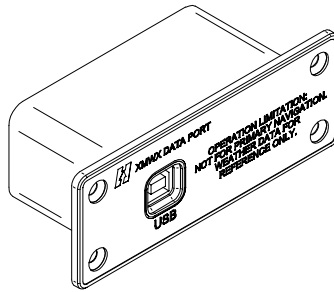
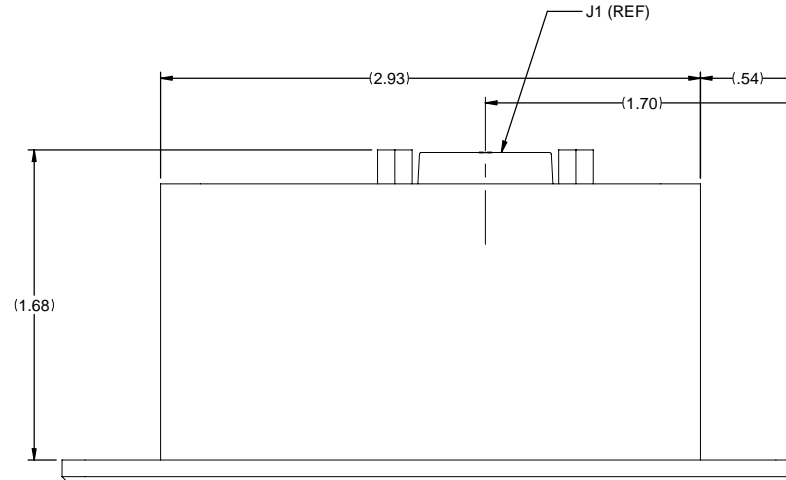
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	CHANGED CONNECTOR P/N INFO.	8-19-03	D. CAPKA
B	ADD NOTE 2.	5-26-05	D. CAPKA

NOTES: UNLESS OTHERWISE SPECIFIED:
1. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
2. UNIT WEIGHT APPROX .27 LBS

CONNECTOR J1 - 9D SOCKETS, KYCON P/N KF44-E9S-M, MATES WITH - M24308/4-1F

Pin	Function
1	CHASSIS / SHIELD GND
2	RS422 RXD -
3	RS422 TXD +
4	N/C
5	CHASSIS / SHIELD GND
6	N/C
7	RS422 RXD+
8	RS422 TXD -
9	N/C

REFER TO HUT DRAWING XMD-3A FOR WIRING REQUIREMENTS.
FOR D0-160D ENVIRONMENTAL CATEGORY INFORMATION REFER TO XMD075-34



PARTS LIST			
UNLESS OTHERWISE SPECIFIED	DRAWN: D. CAPKA DATE: 8-7-03	Heads Up Technologies 2033 Chemist Drive Suite 100 Carrollton, TX 75006 (972) 980-4890	
- DIMENSIONS ARE IN INCHES	CHECKED: J. HEADER DATE: 8-7-03	INTERFACE CONTROL DRAWING	
- INTERPRIT DRAWINGS PER ANSI Y14.5, 1994	ENGR: D. CAPKA DATE: 8-7-03	RELEASED: SIGNATURES ON FILE	
- DEBURR	APPROVED: DATE:	SIZE: C	DRAWING NO: XMDPRT-01-ICD
- DIMENSIONS APPLY BEFORE FINISH PROCESSES	CONTRACT:	SCALE: 1:1	REV: B
- PARENTHEICAL INFO FOR REF ONLY	PROJECT:	SHEET 1 OF 1	
- CONCENTRICITY MACHINED DIAMETERS - .010 TIR			
HOLE DIAMETER TOLERANCE	ANGLES ± 1°		
.015 thru .004 +.004 / -.001	.005 thru .006 +.001 / -.001		
.125 thru .001 +.001 / -.001	.005 thru .010 +.001 / -.001		
.001 thru .008 +.001 / -.001	.001 thru .012 +.001 / -.001		
.750 thru .001 +.001 / -.001			

SEC NO	PROCESS	ADDITIONAL	NOTES

USED ON NEXT ASSY

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