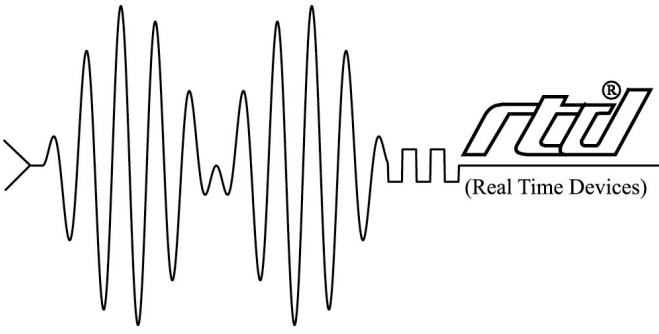
IDAN-DM6430HR-68S

DIMENSIONS
AND
PINOUT



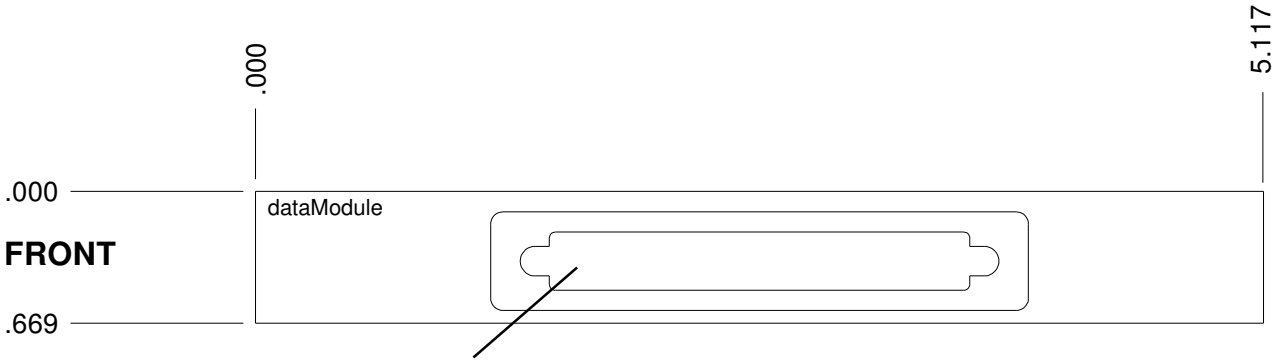
RTD Embedded Technologies, Inc.
"Accessing the Analog World"®

IDM-650010010
REV A

ISO9001 and AS9100 Certified

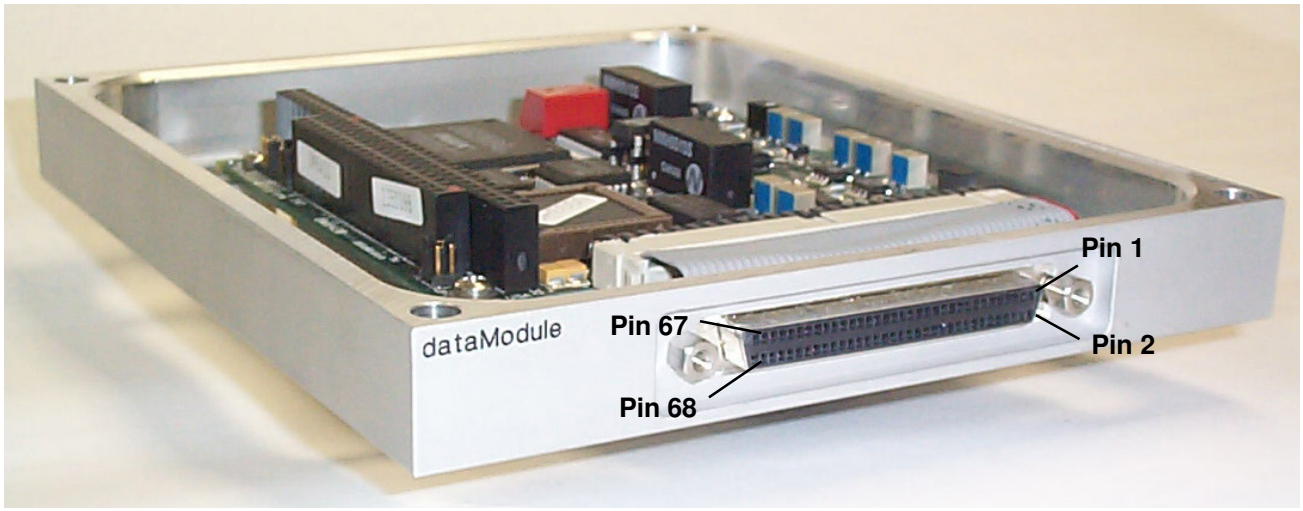
IDAN-DM6430HR-68S

16-Bit Analog I/O Module



68 pin Subminiature "D": female

Module Part #:	Amp	749070-7
Mating Part #:	Amp	786090-7 (IDC Crimp)



Drawing not to scale.

Copyright © 2003 by RTD Embedded Technologies, Inc.
All rights reserved.

NOTE: Do not make connections to reserved pins!!!

IDAN-DM6430HR-68S: 68 Pin High Density "D" Connector (Female)			
IDAN Pin #		**Signal**	**DM6430 CN3 Pin #**
Row 1	Row 2		
1		AIN1+ / AIN1	1
	2	AIN1- / AIN9	2
3		AIN2+ / AIN2	3
	4	AIN2- / AIN10	4
5		AIN3+ / AIN3	5
	6	AIN3- / AIN11	6
7		AIN4+ / AIN4	7
	8	AIN4- / AIN12	8
9		AIN5+ / AIN5	9
	10	AIN5- / AIN13	10
11		AIN6+ / AIN6	11
	12	AIN6- / AIN14	12
13		AIN7+ / AIN7	13
	14	AIN7- / AIN15	14
15		AIN8+ / AIN8	15
	16	AIN8- / AIN16	16
17		AOUT 1	17
	18	ANALOG GND	18
19		AOUT 2	19
	20	ANALOG GND	20
21		ANALOG GND	21
	22	ANALOG GND	22
23		P0.7	23
	24	P1.7	24
25		P0.6	25
	26	P1.6	26
27		P0.5	27
	28	P1.5	28
29		P0.4	29
	30	P1.4	30
31		P0.3	31
	32	P1.3	32
33		P0.2	33
	34	P1.2	34
35		P0.1	35
	36	P1.1	36
37		P0.0	37
	38	P1.0	38
39		TRIGGER IN	39
	40	DIGITAL GND	40
41		EXT PCLK / STRB IN	41
	42	EXT GATE 1	42
43		T/C OUT 1 / DIG IRQ	43
	44	T/C OUT 0	44
45		EXT CLK	45
	46	EXT GATE 0	46
47		+12 VOLTS	47
	48	+5 VOLTS	48
49		-12 VOLTS	49
	50	DIGITAL GND	50

Copyright © 2003 by RTD Embedded Technologies, Inc.
All rights reserved.