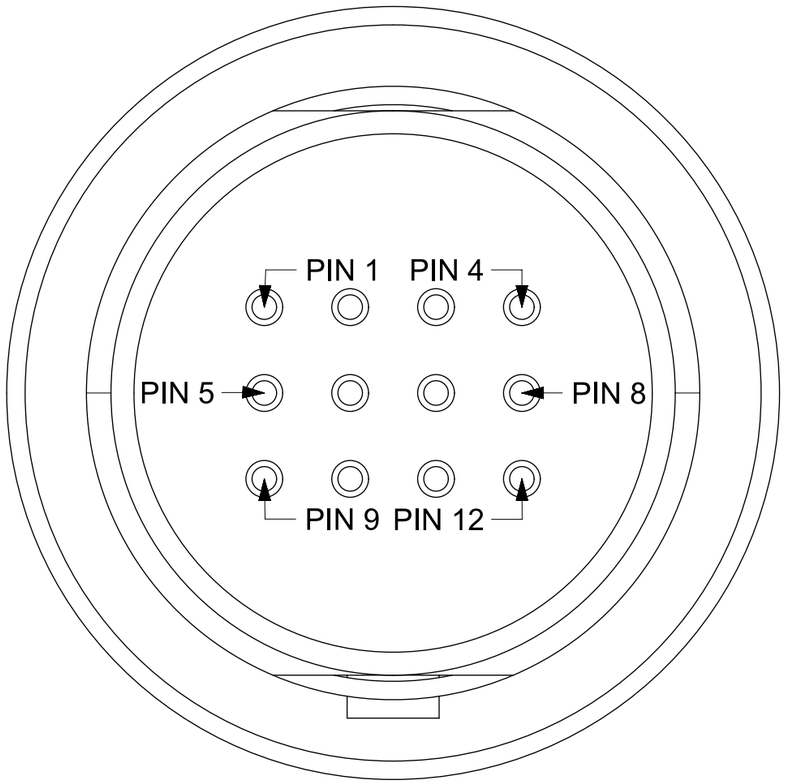

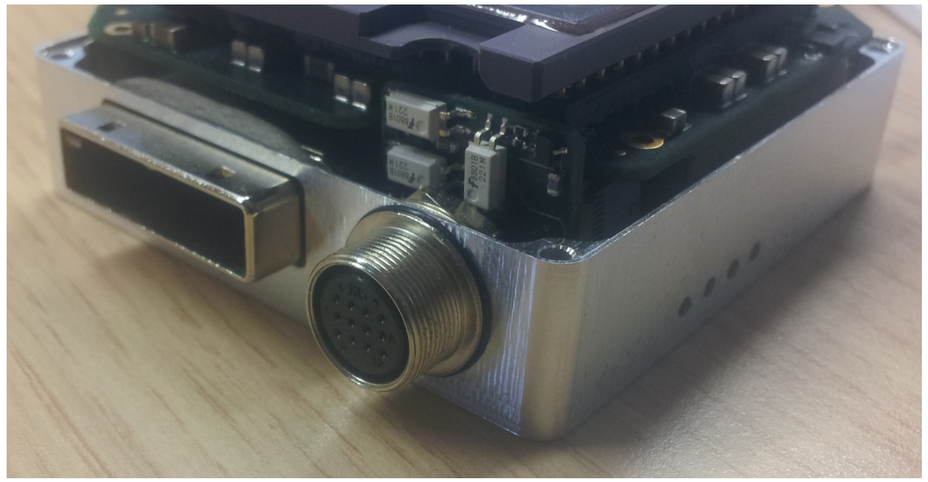

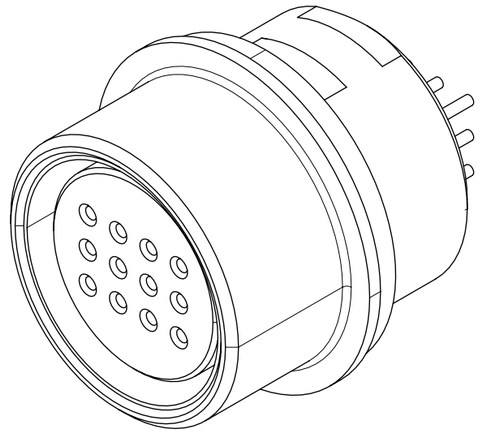

IO Connector Pin Definition

PIN NUM	Signal Name	Direction	Voltage Level	Description
PIN 1	GND	NA	NA	External Ground for Power Supply and non-isolated I/O Pins
PIN 2	PWR	NA	(+5V - +24V)	Power Supply (typ. 5 - 5.5W)
PIN 3	IN1	Input	Low: 0-0.8V High: 5-24V	Opto - Isolated Input1
PIN 4	IN2	Input	Low: 0-0.8V High: 5-24V	Opto - Isolated Input2
PIN 5	IN_GND	NA	NA	Common Ground for Opto-Isolated Input1 / Input2
PIN 6	INOUT1	Input/Output	LVTTL(3.3V, 50uA)	Non - Isolated Input/Output 1
PIN 7	INOUT2	Input/Output	LVTTL(3.3V, 50uA)	Non - Isolated Input/Output 2
PIN 8	OUT1	Output	Open Collector	Opto - Isolated Output1
PIN 9	OUT2	Output	Open Collector	Opto - Isolated Output2
PIN 10	OUT_GND	NA	NA	Common Ground for Opto-Isolated Output1 / Output2
PIN 11	INOUT3	Input/Output	LVTTL(3.3V, 50uA)	Non - Isolated Input/Output 3
PIN 12	INOUT4	Input/Output	LVTTL(3.3V, 50uA)	Non - Isolated Input/Output 4

HR25-9TR-12S	
Current Rating	1A
Withstand Voltage	300V AC for 1 minute
Insulation Resistance	1000 MOhm
Contact Resistance	30mOhm
Mating Connectors	HR25-9TP-12P(Solder Type); HR25-9TP-12PC(Crimp Type)

	Date:	Name:	PN:	Customer PN:	Surface Quality:
Designed	20130712	MK	CB200 IO Connector Description	NA	Ra 0.8
Drawn	20130712	MK		Material: ENAW6061	Surface Finish: OPTICAL BLACK
Approved	20130712	MK	Project Class: SERIES, Top Level Assembly	First angle projection	Weight:
QC					
MFGP					
Department: R&D		Default tolerances: ISO2768-f	Change / Date / Name	Units: mm	Scale: 2:1 / Format: A3
			Document Nr:	Doc Type: EU	Part Doc: / Version Revision: 1.0 / Page: 1 of 1