

ModICE® ME-RF Enclosure

Integrated SMA

Technology

ModICE® is a line of connector enclosures that offers sealed packaging solutions for rugged electronic control modules.

The ModICE® ME-RF Advantage

- ModICE® ME-RF offers a unique enclosure cover (header) with integrated SMA connectors for quick connect of antenna and other RF devices.
- Eliminate the need for complex machining and manual installation of coax connectors.



Product Offering

- Main connector - 18 or 30 I/O
- Coax connector - 1 or 2 SMA standard or reverse polarity
- SMA soldered to PC board
- PC board size 4 x 3.35" (103 x 85mm)
- Simple module assembly with snap-in header/PCB

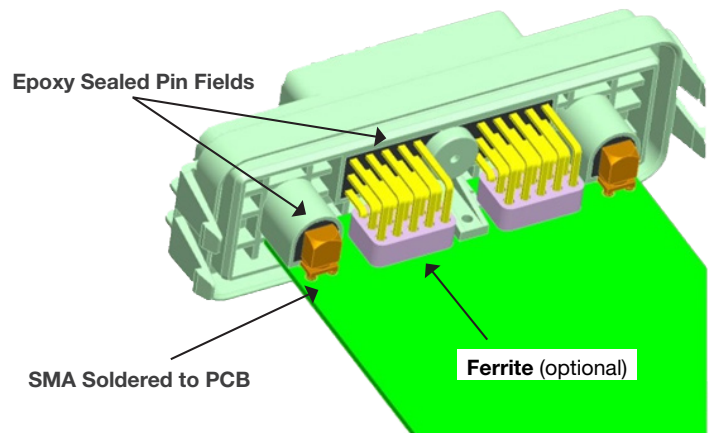
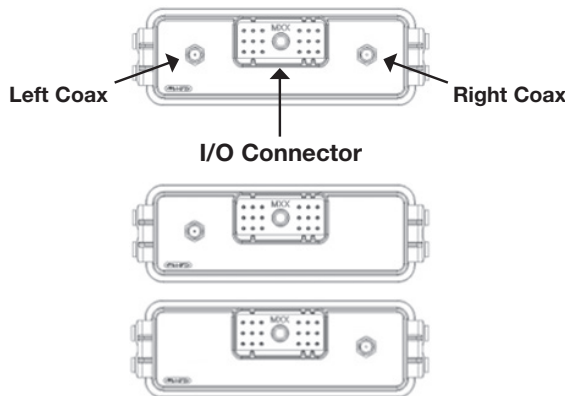


Cinch Connectivity Solutions
1700 Finley Road
Lombard, IL 60148 USA

+1 630.705.6000
inquiry@cinch.com
cinch.com

Parts and Configurations

**Header Arrangement
(Face View – 18 I/O shown)**



Performance Characteristics

Operating Temperature	-40°C to +85°C
Sealing	IP67, IP69K
Current Carrying Capacity (I/O Connector)	10 Amps
SMA	50 Ohm

Enclosure

5810130065	Standard Enclosure
5810130075	Enclosure with Breather

Application Tooling

5991111652	Enclosure Closing Tool
5991111440	Enclosure Opening Tool

I/O Connector Harness Mate

5810118023	18 Pos.
5810130029	30 Pos.

Header	I/O Pos.	Ferrite	Left Coax	Right Coax
5810618001	18	No	RP-SMA	SMA
5810618002	18	Yes	RP-SMA	SMA
5810618003	18	No	n/a	SMA
5810618004	18	Yes	n/a	SMA
5810618005	18	No	RP-SMA	n/a
5810618006	18	Yes	RP-SMA	n/a
5810618007	18	No	RP-SMA	RP-SMA
5810618008	18	Yes	RP-SMA	RP-SMA
5810618009	18	No	SMA	SMA
5810618010	18	Yes	SMA	SMA
5810630001	30	No	RP-SMA	SMA
5810630002	30	Yes	RP-SMA	SMA
5810630003	30	No	n/a	SMA
5810630004	30	Yes	n/a	SMA
5810630005	30	No	RP-SMA	n/a
5810630006	30	Yes	RP-SMA	n/a
5810630007	30	No	RP-SMA	RP-SMA
5810630008	30	Yes	RP-SMA	RP-SMA
5810630009	30	No	SMA	SMA
5810630010	30	Yes	SMA	SMA