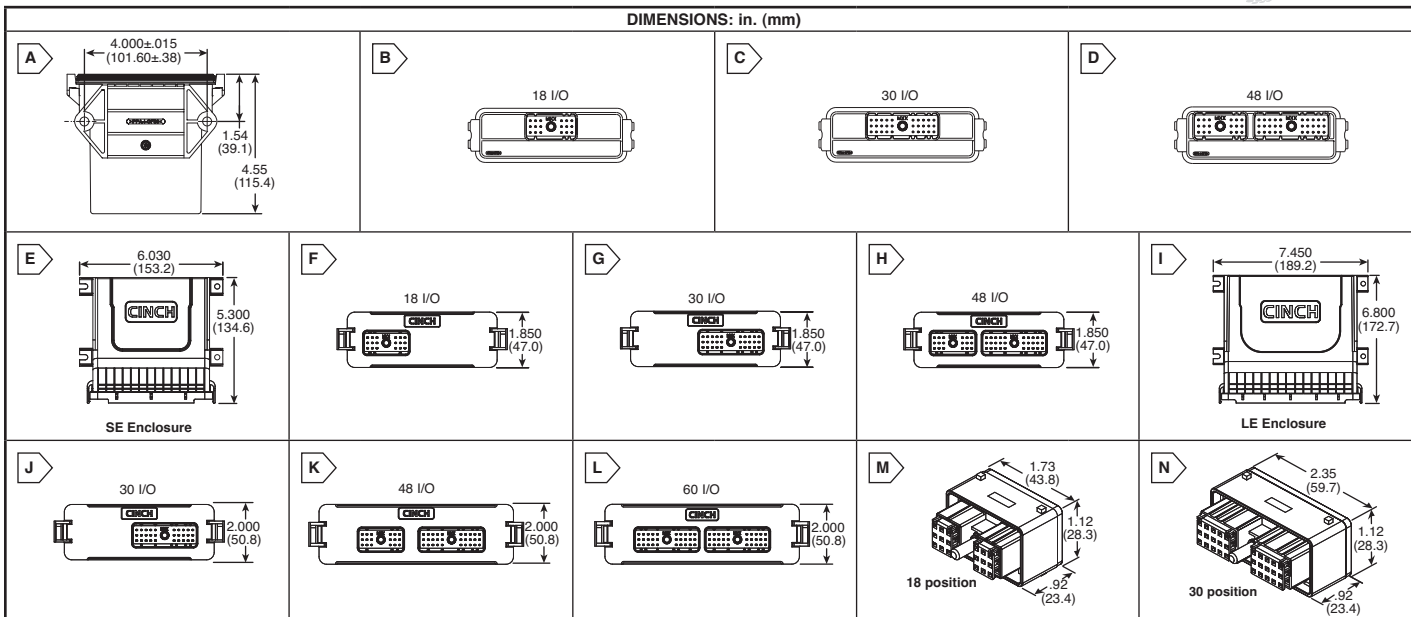


CINCH Modular Integrated Connector Enclosures



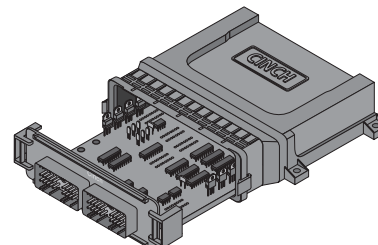
ModICE offers a high quality sealed electro-mechanical interface and is rated IP67 and IP69. Ideal for use in On/Off highway vehicles, agricultural, construction or material handling equipment and other specialty applications.

Features:

- Rugged connector enclosure system
- Header suited for wave and reflow soldering
- Header modularity allows for various designs (Coax, Power I/O, etc.)
- Heat Sink Option
- Ferrite Filtering Option
- Interfaces with Cinch SHS, industry standard harness connectors
- Simple Assembly
- Headers are preinstalled with contacts
- Measurements: ME: 4.000" (101.60) x 4.550" (115.4)
SE: 6.030" (153.2) x 5.300" (134.6)
LE: 7.450" (189.2) x 6.800" (172.7)

Materials:

- Enclosure: Glass filled polymer
- Glass filled, high temperature, polymer
- Left and Right Side: Spring needed for enclosures with a heat sink
- Terminals: Brass. Post Tin plated. Seals: Silicone



ME ENCLOSURE PARTS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	Price Each	
				1	5
538-581-01-30-065	581-01-30-065	A	ME Enclosure without breather	11.96	11.36
538-581-01-30-075	581-01-30-075	A	ME Enclosure with breather	24.89	23.64
538-581-01-18-038	581-01-18-038	B	18 Position Black I/O Header	13.36	12.69
538-581-01-30-064	581-01-30-064	C	30 Position Black I/O Header	16.61	15.78
538-581-01-48-009	581-01-48-009	D	48 Position Black I/O Header	25.38	24.11
538-581-01-18-039	581-01-18-039	B	18 Position Black I/O Filtered Header	15.81	15.02
538-581-01-30-072	581-01-30-072	C	30 Position Black I/O Filtered Header	19.47	18.49
538-581-01-48-010	581-01-48-010	D	48 Position Black I/O Filtered Header	29.70	28.22

SE ENCLOSURE PARTS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	Price Each	
				1	5
538-581-01-30-043	581-01-30-043	E	SE Enclosure, Black without heat sink	14.08	13.76
538-581-01-30-041	581-01-30-041	E	SE Enclosure, Black with 2 heat sink	26.12	25.05
538-581-00-00-020	581-00-00-020	-	Left side spring for encls. w/ heat sink	2.88	2.73
538-581-00-00-021	581-00-00-021	-	Right side spring for encls. w/ heat sink	2.88	2.73
538-581-01-18-032	581-01-18-032	F	18 Position Black I/O Header	14.08	13.76
538-581-01-30-044	581-01-30-044	G	30 Position Black I/O Header	17.72	17.08
538-581-01-48-005	581-01-48-005	H	48 Position Black I/O Header	23.10	22.49
538-581-01-18-033	581-01-18-033	F	18 Position Black I/O Filtered Header	14.29	13.98
538-581-01-30-046	581-01-30-046	G	30 Position Black I/O Filtered Header	17.72	17.08
538-581-01-48-007	581-01-48-007	H	48 Position Black I/O Filtered Header	27.04	26.36

LE ENCLOSURE PARTS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	Description	Price Each	
				1	5
538-581-01-60-033	581-01-60-033	I	LE Enclosure, Black without heat sink	17.49	17.00
538-581-01-60-031	581-01-60-031	I	LE Enclosure, Black with 2 heat sink	30.67	29.80
538-581-00-00-020	581-00-00-020	-	Left side spring for encls. w/ heat sink	2.88	2.73
538-581-00-00-021	581-00-00-021	-	Right side spring for encls. w/ heat sink	2.88	2.73
538-581-01-30-045	581-01-30-045	J	30 Position Black I/O Header	17.72	17.08
538-581-01-48-006	581-01-48-006	K	48 Position Black I/O Header	23.81	23.01
538-581-01-60-005	581-01-60-005	L	60 Position Black I/O Header	29.27	28.45
538-581-01-30-051	581-01-30-051	J	30 Position Black I/O Filtered Header	22.43	21.55
538-581-01-48-008	581-01-48-008	K	48 Position Black I/O Filtered Header	29.45	28.46
538-581-01-60-006	581-01-60-006	L	60 Position Black I/O Filtered Header	34.47	33.49

SHS HARNESS CONNECTORS

To configure harnesses to mate with the headers, please add the total positions of each harness in combination to match the number of positions of the header. For example:
One 18 position harness, 538-581-01-18-023 and one 30 position harness, 538-581-01-30-028 are to be used to mate with the 48 position I/O header. One 30 position harness, 538-581-01-30-028 and one 30 position Alternative Key harness, 538-581-01-30-029 are to be used with the 60 pos I/O header.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Fig.	No. of Positions	Price Each	
				1	5
538-581-01-18-023	581-01-18-023	M	18	6.68	6.50
* 538-581-01-30-028	581-01-30-028	N	30	8.95	8.54
** 538-581-01-30-029	581-01-30-029	-	30	9.26	8.84

* Only Mates to 538-581-01-60-005 in conjunction with 538-581-01-30-029
** Alternative Key Configuration

CONTACTS & ACCESSORIES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Description	Price Each	
			1	25
538-425-00-00-872	425-00-00-872	SHS terminal 20 AWG GXL, 18 AWG TXL	.16	.15
538-425-00-00-873	425-00-00-873	SHS terminal 16 AWG GXL, 16 AWG TXL, 16 AWG GXL	.13	.12
538-581-00-00-011	581-00-00-011	Cavity Seal Plug	.16	.154

TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cinch Part No.	Description	Price Each	
			1	5
538-581-01-18-920	581-01-18-920	Terminal Removal Tool	120.00	108.00
538-599-11-11-612	599-11-11-612	Tool to open ModICE LE	195.52	169.00
538-599-11-11-611	599-11-11-611	Tool to open ModICE SE	187.45	161.51
538-599-11-11-615	599-11-11-615	Hand Crimp Tool for 425-00-00-872	540.00	480.00
538-599-11-11-616	599-11-11-616	Hand Crimp Tool for 425-00-00-873	543.54	496.95

