

ACPC Pressure Sensor Series

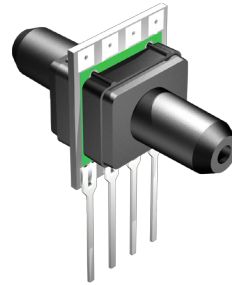
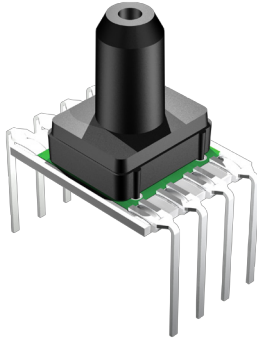
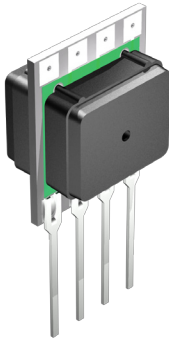


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Introduction

The ACPC series of pressure sensors are based upon a proprietary technology to reduce the size of the sensor while maintaining a high level of performance. This model provides a calibrated millivolt output with superior output offset characteristics. Output offset errors due to change in temperature, stability to warm-up, stability to long time period, and position sensitivity are all significantly reduced when compared to conventional compensation methods. In addition the sensor utilizes a silicon, micro-machined, stress concentration enhanced structure to provide a very linear output to measured pressure.

These calibrated and temperature compensated sensors give an accurate and stable output over a wide temperature range. This series is intended for use with non-corrosive, non-ionic working fluids such as air and dry gases.

The output of the device is ratiometric to the supply voltage and operation from any D.C. supply voltage.

<https://www.allensors.com/products/acpc-series>



For All Sensors Corporation's most recent quality certification documents, please visit www.allensors.com

ACPC SERIES MILLIVOLT PRESSURE SENSORS

Features

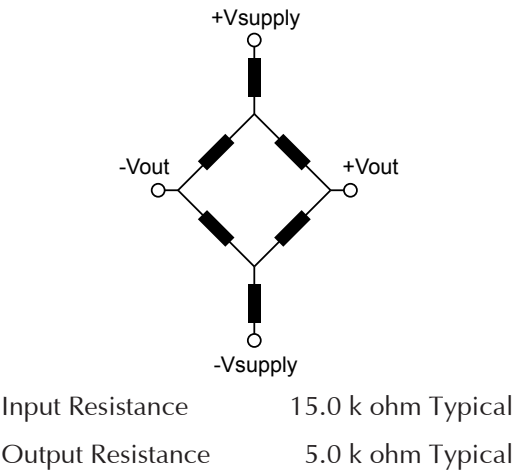
- Pressure Ranges from 4 inH₂O to 100 PSI
- Temperature Compensated
- Calibrated Zero and Span

Applications

- Medical Instrumentation
- Environmental Controls
- HVAC

Pressure Sensor Maximum Ratings		Environmental Specifications	
Supply Voltage (Vs)	16 Vdc	Temperature Ranges	
Common Mode Pressure	50 psig	Compensated:	0°C to (50) 70°C
Lead Temperature (soldering 2-4 sec.)	250 °C	Operating	-25°C to 85 °C
Device Temperature	245°C	Storage	-40°C to 125 °C
		Humidity Limits (non condensing)	0 to 95% RH

Equivalent Circuit



Standard Pressure Ranges

Device	Operating Pressure	Proof Pressure
ACPC-L04D	±4 inH2O	3 PSI
ACPC-0.3D	±0.3 PSI	3 PSI
ACPC-L10D	±10 inH2O	5 PSI
ACPC-001D	±1 PSI	10 PSI
ACPC-005D	±5 PSI	20 PSI
ACPC-015D	±15 PSI	60 PSI
ACPC-030D	±30 PSI	60 PSI
ACPC-100D	±100 PSI	150 PSI
ACPC-L04G	0 to 4 inH2O	3 PSI
ACPC-0.3G	0 to 0.3 PSI	3 PSI
ACPC-L10G	0 to 10 inH2O	5 PSI
ACPC-001G	0 to 1 PSI	10 PSI
ACPC-005G	0 to 5 PSI	20 PSI
ACPC-015G	0 to 15 PSI	60 PSI
ACPC-030G	0 to 30 PSI	60 PSI
ACPC-100G	0 to 100 PSI	150 PSI
ACPC-015A	0 to 15 PSIA	60 PSI
ACPC-030A	0 to 30 PSIA	60 PSI

Legacy Part Equivalents

C-Grade		H-Grade		Prime Grade	
Legacy Part #	Current ACPC Part #	Legacy Part #	Current ACPC Part #	Legacy Part #	Current ACPC Part #
4 INCH-D-CGRADE-MINI	ACPC-L04D-C-CPNS-N	4 INCH-D-HGRADE-MINI	ACPC-L04D-H-CPNS-N		
4 INCH-G-CGRADE-MINI	ACPC-L04G-C-CFNS-N	4 INCH-G-HGRADE-MINI	ACPC-L04G-H-CFNS-N		
4 INCH-GF-CGRADE-MINI	ACPC-L04G-C-CPNS-N	4 INCH-GF-HGRADE-MINI	ACPC-L04G-H-CPNS-N		
0.3 PSI-D-CGRADE-MINI	ACPC-0.3D-C-CPNS-N	0.3 PSI-D-HGRADE-MINI	ACPC-0.3D-H-CPNS-N	0.3 PSI-D-PRIME-MINI	ACPC-0.3D-P-CPNS-N
0.3 PSI-G-CGRADE-MINI	ACPC-0.3G-C-CFNS-N	0.3 PSI-G-HGRADE-MINI	ACPC-0.3G-H-CFNS-N	0.3 PSI-G-PRIME-MINI	ACPC-0.3G-P-CFNS-N
0.3 PSI-GF-CGRADE-MINI	ACPC-0.3G-C-CPNS-N	0.3 PSI-GF-HGRADE-MINI	ACPC-0.3G-H-CPNS-N	0.3 PSI-GF-PRIME-MINI	ACPC-0.3G-P-CPNS-N
10 INCH-D-CGRADE-MINI	ACPC-L10D-C-CPNS-N	10 INCH-D-HGRADE-MINI	ACPC-L10D-H-CPNS-N	10 INCH-D-PRIME-MINI	ACPC-L10D-P-CPNS-N
10 INCH-G-CGRADE-MINI	ACPC-L10G-C-CFNS-N	10 INCH-G-HGRADE-MINI	ACPC-L10G-H-CFNS-N	10 INCH-G-PRIME-MINI	ACPC-L10G-P-CFNS-N
10 INCH-GF-CGRADE-MINI	ACPC-L10G-C-CPNS-N	10 INCH-GF-HGRADE-MINI	ACPC-L10G-H-CPNS-N	10 INCH-GF-PRIME-MINI	ACPC-L10G-P-CPNS-N
1 PSI-D-CGRADE-MINI	ACPC-001D-C-CPNS-N	1 PSI-D-HGRADE-MINI	ACPC-001D-H-CPNS-N	1 PSI-D-PRIME-MINI	ACPC-001D-P-CPNS-N
1 PSI-G-CGRADE-MINI	ACPC-001G-C-CFNS-N	1 PSI-G-HGRADE-MINI	ACPC-001G-H-CFNS-N	1 PSI-G-PRIME-MINI	ACPC-001G-P-CFNS-N
1 PSI-GF-CGRADE-MINI	ACPC-001G-C-CPNS-N	1 PSI-GF-HGRADE-MINI	ACPC-001G-H-CPNS-N	1 PSI-GF-PRIME-MINI	ACPC-001G-P-CPNS-N
5 PSI-D-CGRADE-MINI	ACPC-005D-C-CPNS-N	5 PSI-D-HGRADE-MINI	ACPC-005D-H-CPNS-N	5 PSI-D-PRIME-MINI	ACPC-005D-P-CPNS-N
5 PSI-G-CGRADE-MINI	ACPC-005G-C-CFNS-N	5 PSI-G-HGRADE-MINI	ACPC-005G-H-CFNS-N	5 PSI-G-PRIME-MINI	ACPC-005G-P-CFNS-N
5 PSI-GF-CGRADE-MINI	ACPC-005G-C-CPNS-N	5 PSI-GF-HGRADE-MINI	ACPC-005G-H-CPNS-N	5 PSI-GF-PRIME-MINI	ACPC-005G-P-CPNS-N
15 PSI-A-CGRADE-MINI	ACPC-015A-C-CFNS-N	15 PSI-A-HGRADE-MINI	ACPC-015A-H-CFNS-N	15 PSI-A-PRIME-MINI	ACPC-015A-P-CFNS-N
15 PSI-AF-CGRADE-MINI	ACPC-015A-C-CPNS-N	15 PSI-AF-HGRADE-MINI	ACPC-015A-H-CPNS-N	15 PSI-AF-PRIME-MINI	ACPC-015A-P-CPNS-N
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15 PSI-G-CGRADE-MINI	ACPC-015G-C-CFNS-N	15 PSI-G-HGRADE-MINI	ACPC-015G-H-CFNS-N	15 PSI-G-PRIME-MINI	ACPC-015G-P-CFNS-N
15 PSI-GF-CGRADE-MINI	ACPC-015G-C-CPNS-N	15 PSI-GF-HGRADE-MINI	ACPC-015G-H-CPNS-N	15 PSI-GF-PRIME-MINI	ACPC-015G-P-CPNS-N
30 PSI-A-CGRADE-MINI	ACPC-030A-C-CFNS-N	30 PSI-A-HGRADE-MINI	ACPC-030A-H-CFNS-N	30 PSI-A-PRIME-MINI	ACPC-030A-P-CFNS-N
30 PSI-AF-CGRADE-MINI	ACPC-030A-C-CPNS-N	30 PSI-AF-HGRADE-MINI	ACPC-030A-H-CPNS-N	30 PSI-AF-PRIME-MINI	ACPC-030A-P-CPNS-N
30 PSI-D-CGRADE-MINI	ACPC-030D-C-CPNS-N	30 PSI-D-HGRADE-MINI	ACPC-030D-H-CPNS-N	30 PSI-D-PRIME-MINI	ACPC-030D-P-CPNS-N
30 PSI-G-CGRADE-MINI	ACPC-030G-C-CFNS-N	30 PSI-G-HGRADE-MINI	ACPC-030G-H-CFNS-N	30 PSI-G-PRIME-MINI	ACPC-030G-P-CFNS-N
30 PSI-GF-CGRADE-MINI	ACPC-030G-C-CPNS-N	30 PSI-GF-HGRADE-MINI	ACPC-030G-H-CPNS-N	30 PSI-GF-PRIME-MINI	ACPC-030G-P-CPNS-N
				100 PSI-A-PRIME-MINI	ACPC-100A-P-CFNS-N
				100 PSI-AF-PRIME-MINI	ACPC-100A-P-CPNS-N
100 PSI-G-CGRADE-MINI	ACPC-100G-C-CFNS-N	100 PSI-G-HGRADE-MINI	ACPC-100G-H-CFNS-N	100 PSI-G-PRIME-MINI	ACPC-100G-P-CFNS-N
100 PSI-GF-CGRADE-MINI	ACPC-100G-C-CPNS-N	100 PSI-GF-HGRADE-MINI	ACPC-100G-H-CPNS-N	100 PSI-GF-PRIME-MINI	ACPC-100G-P-CPNS-N



C-Grade Performance Characteristics

Parameter ^{Note 1}	Min	Typ	Max	Units	Notes
Output Span					
4 inH ₂ O	23	25	27	mV	4
10 inH ₂ O, 0.3 PSI	18	20	22	mV	4
1 PSI	16	18	20	mV	4
5 PSI	57	60	63	mV	4
15 PSI, 15 PSIA, 30 PSI, 30 PSIA	85	90	95	mV	4
100 PSI	95	100	105	mV	4
Offset Voltage					
4 inH ₂ O, 10 inH ₂ O (@ Zero Diff. Pressure)	-	-	±1.5	mV	-
0.3 PSI, 1 PSI, 5 PSI (@ Zero Diff. Pressure)	-	-	±1.0	mV	-
15 PSI (@ Zero Gage Pressure)	-	-	±1.0	mV	-
15 PSIA, 30 PSIA (@ Zero Absolute Pressure)	-	-	±1.0	mV	-
30 PSI, 100 PSI (@ Zero Pressure)	-	-	±1.0	mV	-
Offset Temperature Shift					
4 inH ₂ O (0°C-50°C)	-	-	±1.5	mV	2
10 inH ₂ O (0°C-70°C)	-	-	±1.5	mV	2
0.3 PSI, 1 PSI, 5 PSI, 15 PSI/A, 30 PSI/A, 100 PSI (0°C-70°C)	-	-	±1.0	mV	2
Linearity, Hysteresis Error	-	0.5	±1.0	%FSS	3
Span Temperature Shift	-	-	±2.0	%FSS	2

Specification Notes

NOTE 1: ALL PARAMETERS ARE MEASURED AT 12.0 VOLT EXCITATION, FOR THE NOMINAL FULL SCALE PRESSURE AND ROOM TEMPERATURE UNLESS OTHERWISE SPECIFIED. PRESSURE MEASUREMENTS ARE WITH POSITIVE PRESSURE APPLIED TO PORT B. SENSORS ARE RATIOMETRIC TO SUPPLY VOLTAGE.

NOTE 2: SHIFT IS RELATIVE TO 25°C.

NOTE 3: MEASURED AT ONE-HALF FULL SCALE RATED PRESSURE USING BEST STRAIGHT LINE CURVE FIT.

NOTE 4: THE VOLTAGE ADDED TO THE OFFSET VOLTAGE AT FULL SCALE PRESSURE.

NOTE 5: PARYLENE COATING IS ONLY AVAILABLE FOR PRESSURE RANGES ABOVE 10 inH₂O.

PRESSURE RESPONSE:

FOR ANY PRESSURE APPLIED, THE RESPONSE TIME TO GET TO 90% OF PRESSURE APPLIED IS TYPICALLY LESS THAN 100 USECONDS.

H-Grade Performance Characteristics

Parameter ^{Note 1}	Min	Typ	Max	Units	Notes
Output Span					
4 inH ₂ O	24	25	26	mV	4
10 inH ₂ O, 0.3 PSI	19	20	21	mV	4
1 PSI	17.82	18.00	18.18	mV	4
5 PSI	59.4	60.0	60.6	mV	4
15 PSI, 15 PSIA, 30 PSI, 30 PSIA	89.1	90.0	90.9	mV	4
100 PSI	99	100	101	mV	4
Offset Voltage					
4 inH ₂ O, 10 inH ₂ O, 0.3 PSI, 1 PSI, 5 PSI, 15 PSIA, 30 PSIA (@ Zero Diff. Pressure)	-	-	±0.5	mV	-
15 PSI, 30 PSI (@ Zero Gage Pressure)	-	-	±0.5	mV	-
Offset Temperature Shift					
4 inH ₂ O (0°C-50°C)	-	-	±0.5	mV	2
10 inH ₂ O, 0.3 PSI, 1 PSI, 5 PSI, 15 PSI/A, 30 PSI/A, 100 PSI (0°C-70°C)	-	-	±0.5	mV	2
Linearity, Hysteresis Error	-	0.25	±0.5	%FSS	3
Span Temperature Shift	-	-	±1.0	%FSS	2

Specification Notes

NOTE 1: ALL PARAMETERS ARE MEASURED AT 12.0 VOLT EXCITATION, FOR THE NOMINAL FULL SCALE PRESSURE AND ROOM TEMPERATURE UNLESS OTHERWISE SPECIFIED. PRESSURE MEASUREMENTS ARE WITH POSITIVE PRESSURE APPLIED TO PORT B. SENSORS ARE RATIOMETRIC TO SUPPLY VOLTAGE.

NOTE 2: SHIFT IS RELATIVE TO 25°C.

NOTE 3: MEASURED AT ONE-HALF FULL SCALE RATED PRESSURE USING BEST STRAIGHT LINE CURVE FIT.

NOTE 4: THE VOLTAGE ADDED TO THE OFFSET VOLTAGE AT FULL SCALE PRESSURE.

NOTE 5: PARYLENE COATING IS ONLY AVAILABLE FOR PRESSURE RANGES ABOVE 10 inH₂O.

PRESSURE RESPONSE:

FOR ANY PRESSURE APPLIED, THE RESPONSE TIME TO GET TO 90% OF PRESSURE APPLIED IS TYPICALLY LESS THAN 100 USECONDS.

Prime Grade Performance Characteristics

Parameter ^{Note 1}	Min	Typ	Max	Units	Notes
Output Span					
0.3 PSI, 10 inH ₂ O	19.00	20.00	21.00	mV	4
1 PSI	17.82	18.00	18.18	mV	4
5 PSI	59.40	60.00	60.60	mV	4
15 PSI, 15 PSIA, 30 PSI, 30 PSIA	89.10	90.00	90.90	mV	4
100 PSI, 100 PSIA	99.00	100.00	101.00	mV	4
Offset Voltage (@ Zero Diff. Pressure)					
0.3 PSI, 10 inH ₂ O, 1 PSI, 5 PSI, 15 PSI, 30 PSI, 100 PSI	-	-	±0.30	mV	-
15 PSIA, 30 PSIA, 100 PSIA	-	-	±0.50	mV	-
Offset Temperature Shift (0°C-70°C)					
	-	-	±250	µV	2
Linearity, Hysteresis Error					
0.3 PSI, 10 inH ₂ O, 1 PSI, 5 PSI	-	0.10	±0.25	%FSS	3
15 PSIA	-	0.10	±0.30	%FSS	3
15 PSI, 30 PSI, 30 PSIA, 100 PSI, 100 PSIA	-	0.15	±0.30	%FSS	3
Span Temperature Shift					
	-	-	±1.00	%FSS	2

Specification Notes

NOTE 1: ALL PARAMETERS ARE MEASURED AT 12.0 VOLT EXCITATION, FOR THE NOMINAL FULL SCALE PRESSURE AND ROOM TEMPERATURE UNLESS OTHERWISE SPECIFIED. PRESSURE MEASUREMENTS ARE WITH POSITIVE PRESSURE APPLIED TO PORT B. SENSORS ARE RATIOMETRIC TO SUPPLY VOLTAGE.

NOTE 2: SHIFT IS RELATIVE TO 25°C.

NOTE 3: MEASURED AT ONE-HALF FULL SCALE RATED PRESSURE USING BEST STRAIGHT LINE CURVE FIT.

NOTE 4: THE SPAN IS THE ALGEBRAIC DIFFERENCE BETWEEN FULL SCALE OUTPUT VOLTAGE AND THE OFFSET VOLTAGE.

NOTE 5: PARYLENE COATING IS ONLY AVAILABLE FOR PRESSURE RANGES ABOVE 10 inH₂O.

PRESSURE RESPONSE:

FOR ANY PRESSURE APPLIED, THE RESPONSE TIME TO GET TO 90% OF PRESSURE APPLIED IS TYPICALLY LESS THAN 100 USECONDS.

How to Order

ACPC - **L04D** - **P** - **CFFD** - **N**

Product Series
ACPC Millivolt Output Low Pressure Series

Pressure Ranges

Differential	Absolute	Gage
L04D ± 4 inH ₂ O	015A 0 to 15 PSI	L04G 0 to 4 inH ₂ O
L10D ± 10 inH ₂ O	030A 0 to 30 PSI	L10G 0 to 10 inH ₂ O
0.3D ± 0.3 PSI	100A 0 to 100 PSI	0.3G 0 to 0.3 PSI
001D ± 1 PSI		001G 0 to 1 PSI
005D ± 5 PSI		005G 0 to 5 PSI
015D ± 15 PSI		015G 0 to 15 PSI
030D ± 30 PSI		030G 0 to 30 PSI
100D ± 100 PSI		100G 0 to 100 PSI

Grades

P	Prime Grade
H	H-Grade
C	C-Grade

Coating

P	Parylene Coating
N	No Parylene Coating

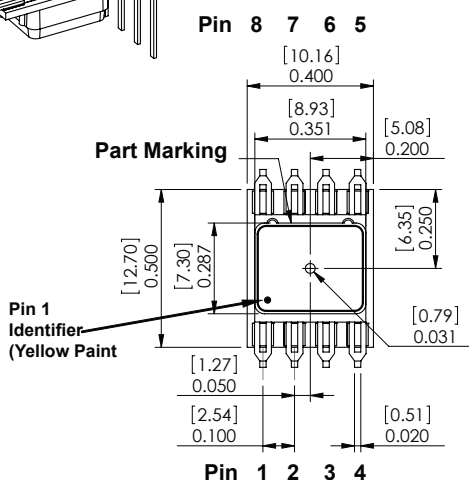
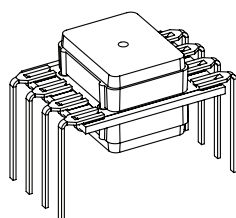
Package Selection

DIP	SIP
CFFD	CFFS
CFND	CFNS
CPFD	CPFS
CPND	CPNS
CPPD	CPPS

Note: Parylene Coating is only available for pressure ranges above 10 inH₂O.

Dimensional Drawings - DIP Packages

CFFD Package



Markings:

Right dot:

Silver: C-Grade
Gold: H-Grade
Red: Prime Grade

Left Dot:

L04: White
L10: Yellow
0.3: Pink
1.0: Green
05: Blue
15: Purple
30: Orange
100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out
5	N/C
6	N/C
7	N/C
8	N/C

Notes

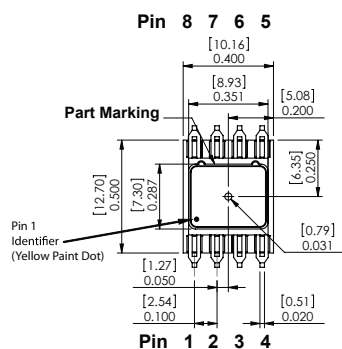
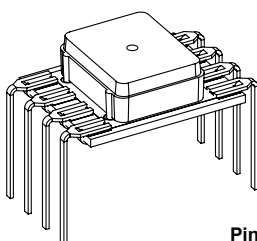
- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-03

ALL SENSORS

TITLE: C-Series Package

SIZE FILE NAME
A CFFD Package

CFND Package



Markings:

Right dot:

Silver: C-Grade
Gold: H-Grade
Red: Prime Grade

Left Dot:

L04: White
L10: Yellow
0.3: Pink
1.0: Green
05: Blue
15: Purple
30: Orange
100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out
5	N/C
6	N/C
7	N/C
8	N/C

Notes

- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-03

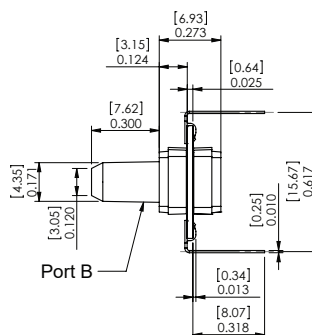
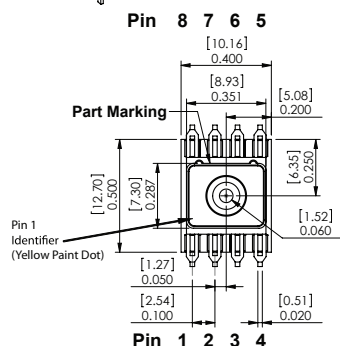
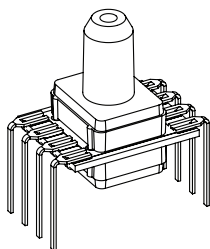
ALL SENSORS

TITLE: C-Series Package

SIZE FILE NAME
A CFND Package

Dimensional Drawings - DIP Packages (Cont'd.)

CPFD Package



ALL SENSORS

TITLE: C-Series Package

SIZE FILE NAME
A CPFD Package

Notes

- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-03

Markings:

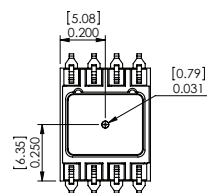
Right dot:

Silver: C-Grade
Gold: H-Grade
Red: Prime Grade

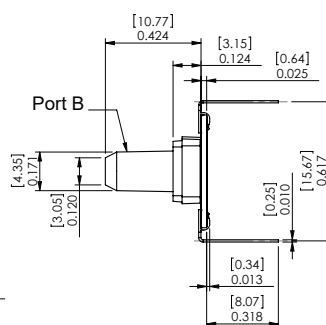
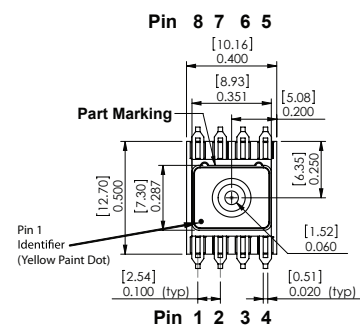
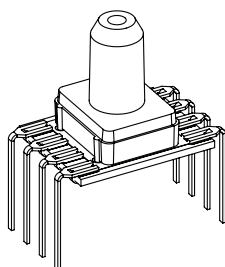
Left Dot:

L04: White
L10: Yellow
0.3: Pink
1.0: Green
05: Blue
15: Purple
30: Orange
100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out
5	N/C
6	N/C
7	N/C
8	N/C



CPND Package



ALL SENSORS

TITLE: C-Series Package

SIZE FILE NAME
A CPND Package

Notes

- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-03

Markings:

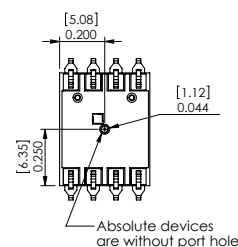
Right dot:

Silver: C-Grade
Gold: H-Grade
Red: Prime Grade

Left Dot:

L04: White
L10: Yellow
0.3: Pink
1.0: Green
05: Blue
15: Purple
30: Orange
100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out
5	N/C
6	N/C
7	N/C
8	N/C



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www.allsensors.com

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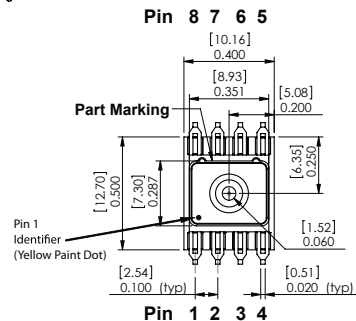
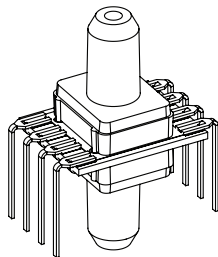
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A 16035 Vineyard Blvd. Morgan Hill, CA 95037



Dimensional Drawings - DIP Packages (Cont'd.)

CPPD Package



Markings:

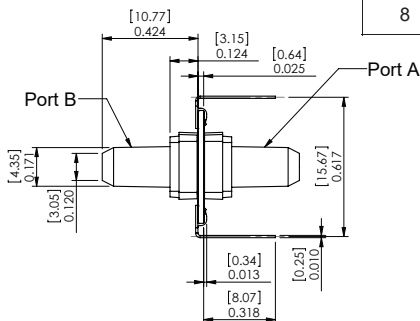
Right dot:

- Silver: C-Grade
- Gold: H-Grade
- Red: Prime Grade

Left Dot:

- L04: White
- L10: Yellow
- 0.3: Pink
- 1.0: Green
- 05: Blue
- 15: Purple
- 30: Orange
- 100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out
5	N/C
6	N/C
7	N/C
8	N/C



Notes

- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-03

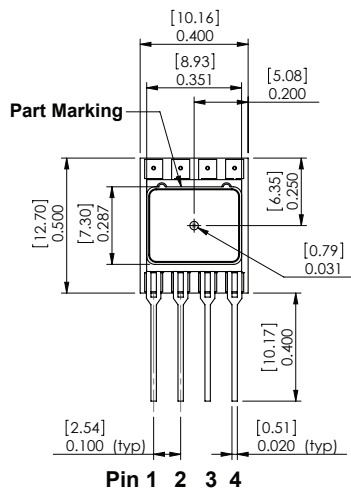
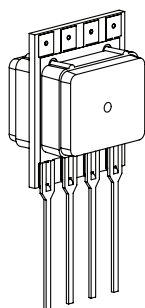
ALL SENSORS

TITLE: C-Series Package

SIZE FILE NAME
A CPPD Package

Dimensional Drawings - SIP Packages

CFFS Package



Markings:

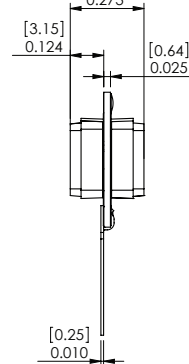
Right dot:

Silver: C-Grade
Gold: H-Grade
Red: Prime Grade

Left Dot:

L04: White
L10: Yellow
0.3: Pink
1.0: Green
05: Blue
15: Purple
30: Orange
100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out



Notes

- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-01

ALL SENSORS

TITLE:

C-Series Package

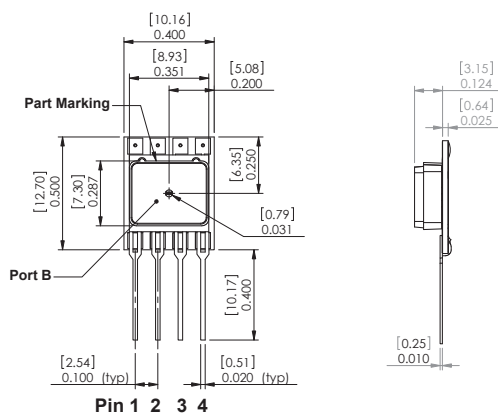
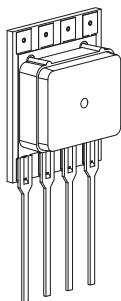
SIZE

FILE NAME

A

CFFS Package

CFNS Package



Markings:

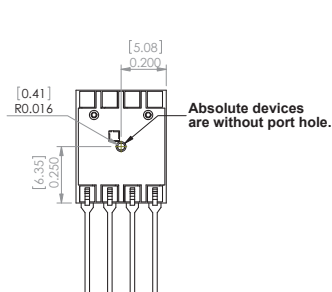
Right dot:

Silver: C-Grade
Gold: H-Grade
Red: Prime Grade

Left Dot:

L04: White
L10: Yellow
0.3: Pink
1.0: Green
05: Blue
15: Purple
30: Orange
100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out



Notes

- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-01

ALL SENSORS

TITLE:

C-Series Package

SIZE

FILE NAME

A

CFNS Package

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F 408 225 2079

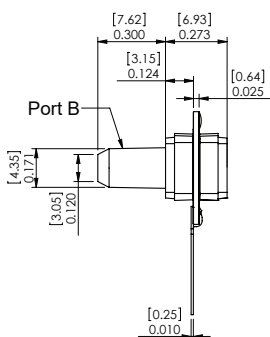
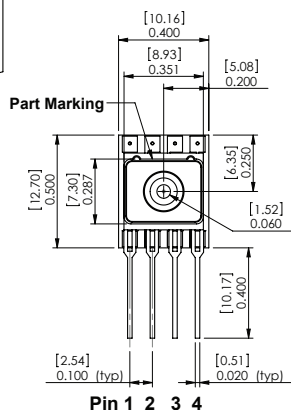
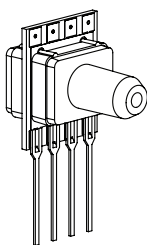
P 408 225 4314

A 16035 Vineyard Blvd. Morgan Hill, CA 95037



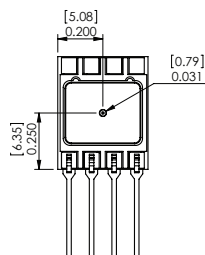
Dimensional Drawings - SIP Packages (Cont'd.)

CPFS Package



Left Dot:
 L04: White
 L10: Yellow
 0.3: Pink
 1.0: Green
 05: Blue
 15: Purple
 30: Orange
 100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out



Notes

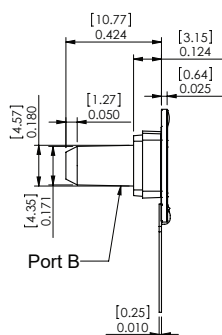
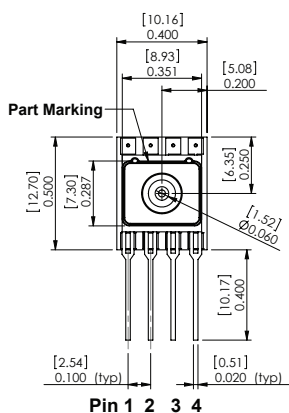
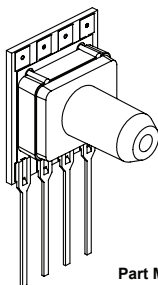
- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-01

ALL SENSORS

TITLE: C-Series Package

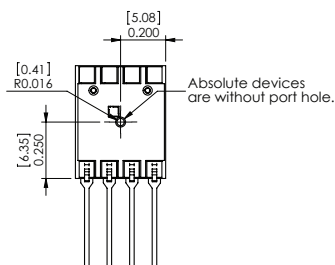
SIZE FILE NAME
A CPFS Package

CPNS Package



Left Dot:
 L04: White
 L10: Yellow
 0.3: Pink
 1.0: Green
 05: Blue
 15: Purple
 30: Orange
 100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out



Notes

- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-01

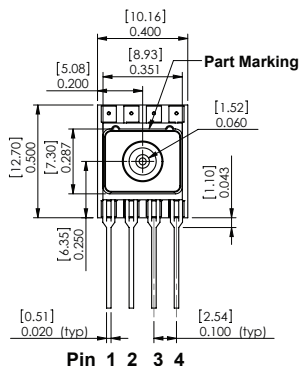
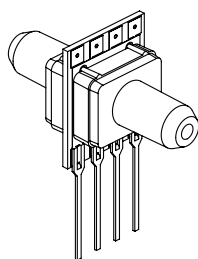
ALL SENSORS

TITLE: C-Series Package

SIZE FILE NAME
A CPNS Package

Dimensional Drawings - SIP Packages (Cont'd.)

CPPS Package



Markings:

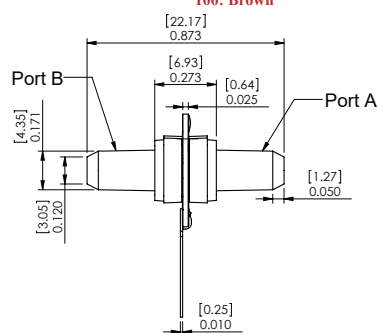
Right dot:

Silver: C-Grade
Gold: H-Grade
Red: Prime Grade

Left Dot:

L04: White
L10: Yellow
0.3: Pink
1.0: Green
05: Blue
15: Purple
30: Orange
100: Brown

Pin	Definition
1	+GND
2	+Out
3	Vs
4	-Out



Notes

- 1) Dimensions are in inches [mm].
- 2) For suggested pad layout, see drawing: PAD-01

ALL SENSORS

TITLE:

C-Series Package

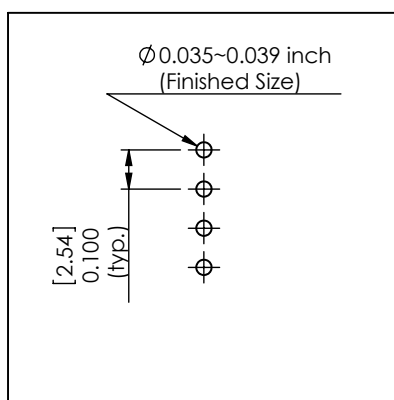
SIZE

FILE NAME

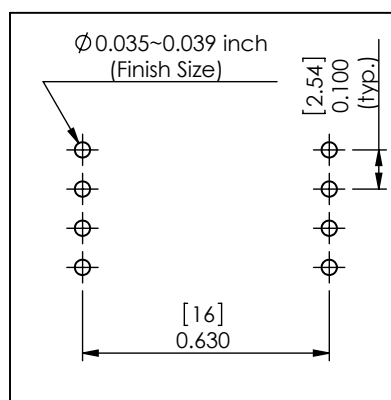
A

CPPS Package

Suggested Pad Layouts



PAD-01



PAD-03

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