

C-more Micro 3-inch EA1 Panel Accessories

8-button Keypad Bezel

The 8-button keypad bezel can be used with both the touch and non-touch **C-more** Micro 3-inch EA1 series panels. The keypad includes four directional arrow cursor buttons, and one each of an ESCAPE, MENU, CLEAR and ENTER button. The keypad is intended to be used with the numeric entry object (Style 3) to allow

changing of a value, and can also be used to navigate & select objects when using the non-touch panel version. The keypad bezel is designed for easy drop-in of a **C-more** Micro 3-inch EA1 series panel. No panel configuration required.

Part No. EA-MG-BZ1



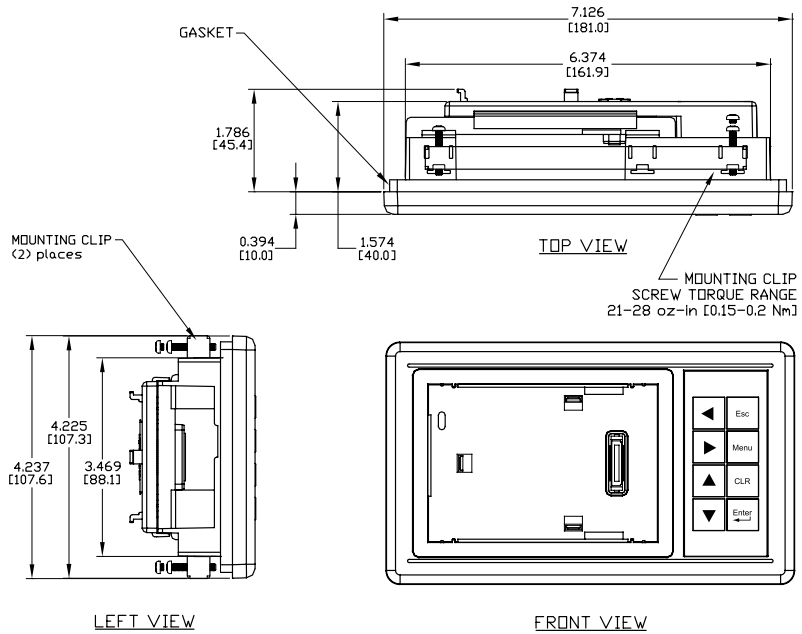
\$65.00

Four directional cursor buttons, and ESC, MENU, CLEAR and ENTER buttons.

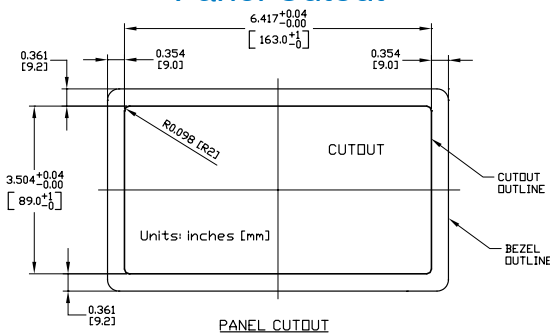


Dimensions

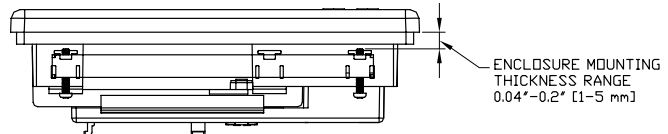
Units: inches [mm]



Panel Cutout



Panel Thickness



8-Button Keypad Bezel Specifications

Part Number	EA-MG-BZ1
General	
• C-more Micro Panels Supported	EA1-S3ML, EA1-S3MLW, EA1-S3ML-N, EA1-S3MLW-N
• Connection	Connects with expansion connector on the rear of a C-more 3-inch Micro panel. An expansion connector is also located on the rear of the keypad bezel to allow the EA-MG-P1 DC Power Adapter, or the EA-MG-SP1 Serial Port with DC Power Adapter to be attached.
• Power Consumption	None
• Keypad Button Life	Minimum of 500,000 cycles
• Enclosure Mounting	(2) mounting clips, EA-MG-BZ1-BRK, included. Note: The C-more 3-inch Micro panel is installed into the keypad bezel using the EA-MG-S3ML-BRK mounting clips that are supplied with the panel.
Physical	
• Weight	7.05 oz. [200 g]
• Environmental	See environmental specifications at the beginning of this catalog section.

C-more Micro 3-inch EA1 Panel Accessories

20-Button Keypad Bezel

The 20-button keypad bezel can be used with both the touch and non-touch **C-more** Micro 3-inch EA1 series panels. The keypad includes four directional arrow cursor buttons, a full numeric keypad, and one each of an ESCAPE, MENU, CLEAR and ENTER button. The keypad is intended to be used with the numeric entry object (Style 3) to allow changing of a value, and

can also be used to navigate & select objects when using the non-touch panel version. The numeric buttons can be used to enter a new value. The keypad bezel is designed for easy drop-in of a **C-more** Micro 3-inch EA1 series panel. No panel configuration required.

Part No. EA-MG-BZ2

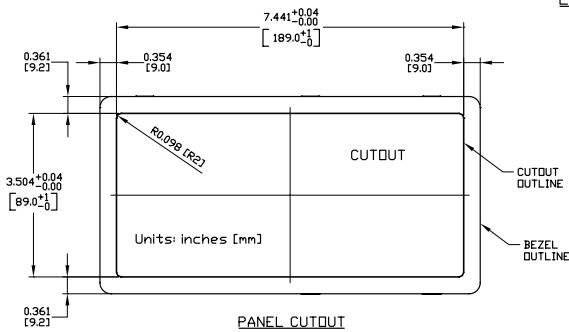


\$88.00

Four directional cursor buttons, numeric buttons, and ESC, MENU, CLEAR and ENTER buttons.

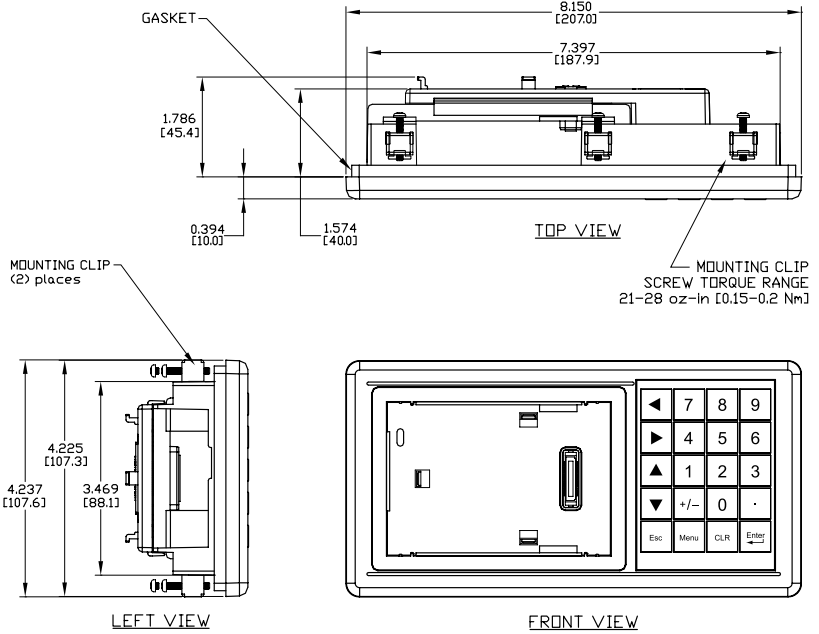


Panel Cutout

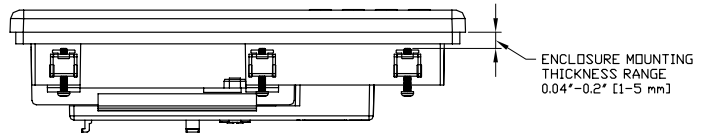


Dimensions

Units: inches [mm]



Panel Thickness



20-Button Keypad Bezel Specifications	
Part Number	EA-MG-BZ2
General	
• C-more Micro Panels Supported	EA1-S3ML, EA1-S3MLW, EA1-S3ML-N, EA1-S3MLW-N
• Connection	Connects with expansion connector on the rear of a 3-inch C-more Micro panel. An expansion connector is also located on the rear of the keypad bezel to allow the EA-MG-P1 DC Power Adapter, or the EA-MG-SP1 Serial Port with DC Power Adapter to be attached.
• Power Consumption	None
• Keypad Button Life	Minimum of 500,000 cycles
• Enclosure Mounting	(6) mounting clips, EA-MG-BZ2-BRK, included. Note: The C-more 3-inch Micro panel is installed into the keypad bezel using the EA-MG-S3ML-BRK mounting clips that are supplied with the panel.
Physical	
• Weight	7.40 oz. [210 g]
Environmental	See environmental specifications at the beginning of this catalog section.

C-more Micro 3-inch EA1 Panel Accessories

DC Power Adapter

The **C-more** Micro 3-inch EA1 series panel is designed to use the 5 VDC power that is available from an RJ12 serial communications port found on some **AutomationDirect** PLC's. However, for other devices that do not supply power through their serial communications port, the EA-MG-P1 DC power adapter or EA-MG-SP1 serial port with DC power adapter must

be used. Both adapters require power from a Class 2, 12-24 VDC source. The EA-MG-P1 DC Power Adapter for **C-more** Micro 3-inch EA1 series is designed to easily snap on to the rear of a **C-more** Micro 3-inch EA1 series panel or the rear of an optional Keypad Bezel being used with a **C-more** Micro 3-inch EA1 series panel.

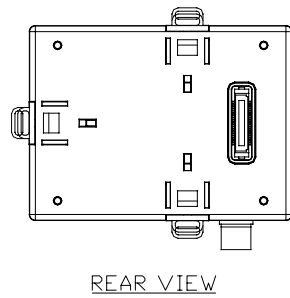
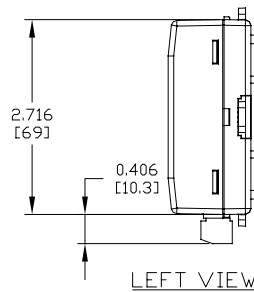
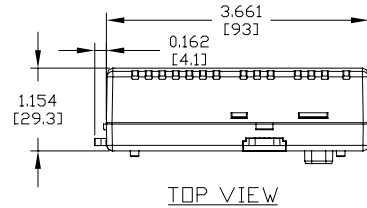
Part No. EA-MG-P1



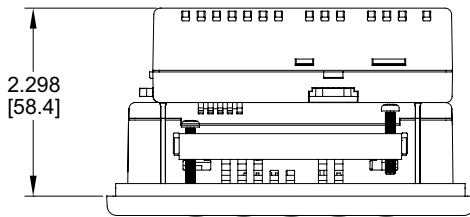
\$32.00

Dimensions

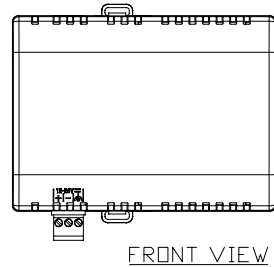
Units: inches [mm]



Panel overall depth with adapter installed



Units: inches [mm]



DC Power Adapter Specifications	
Part Number	EA-MG-P1
Electrical	
• Input Voltage	12-24 VDC
• Input Voltage Range	10.8-26.4 VDC
• Power Consumption	100 mA @ 24 VDC
• Maximum Power	2.90 Watts
• Maximum Inrush Current	5 A @ 500 µs with 12 VDC applied, 10 A @ 500 µs with 24 VDC applied
• Recommended Fuse	Type AGC fast acting glass fuse, 750 mA, 250 VAC, ADC #AGC-75
• Connector Type	3-pin screw type terminal block
Physical	
• Weight	2.8 oz. [80 g]
Environmental	See environmental specifications at the beginning of this catalog section.



NOTE: Recommended DC power supply to power either DC Power Adapter, AutomationDirect Part No. PSC-24-015 or PSC-24-030.

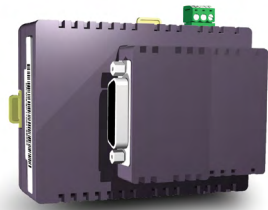
C-more Micro 3-inch EA1 Panel Accessories

Serial Port with DC Power Adapter

The **C-more** Micro 3-inch EA1 series panel is designed to use the 5 VDC power that is available from an RJ12 serial communications port of some **AutomationDirect** PLC's. However, for other devices that do not supply power through their serial communications port, the EA-MG-P1 DC power adapter or EA-MG-SP1 serial port with DC power adapter must be used. The EA-MG-SP1, with D-Sub 15-pin RS-232/RS-422/485 serial port, can be

used to connect to a PLC using RS-232 or RS-422/485. The adapter requires power from a Class 2, 12-24 VDC source. This optional Serial Port with DC Power Adapter for **C-more** Micro 3-inch EA1 series is designed to easily snap on to the rear of a **C-more** Micro 3-inch EA1 series panel or the rear of an optional Keypad Bezel being used with a **C-more** Micro 3-inch EA1 series panel.

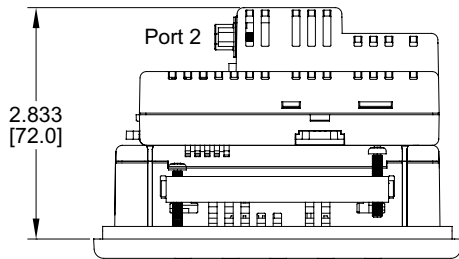
Part No. EA-MG-SP1



Supports:
RS-232,
RS-485,
& RS-422

\$54.00

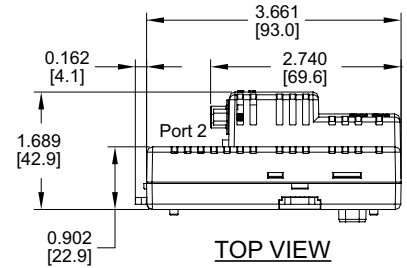
Panel overall depth
with adapter installed



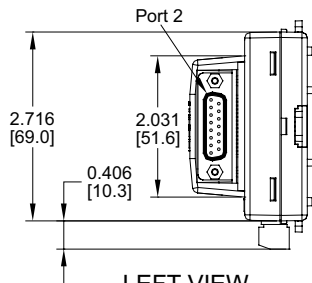
Units: inches [mm]

Dimensions

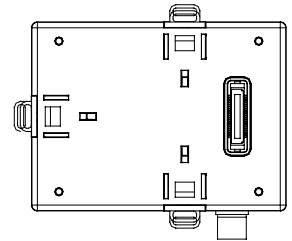
Units: inches [mm]



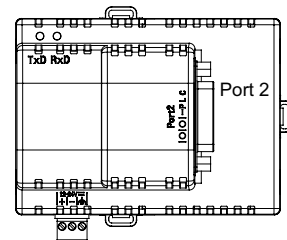
TOP VIEW



LEFT VIEW



REAR VIEW



FRONT VIEW

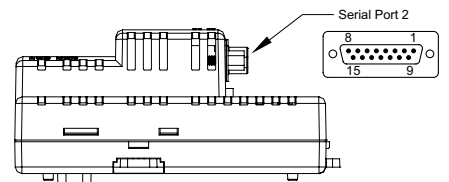
Serial Port w/ DC Power Adapter Specifications	
Part Number	EA-MG-SP1
Serial PLC Interface	
• Interface Standard	RS-232 & RS-485/422
• Adjustable Settings from Software (Dependent on PLC Protocol)	Baud rate: 9600, 19200 or 38400 bits/sec Data bits: 7/8 bits Parity: None, Odd/Even Stop bits: 2/1 bits
• Connector Type	15-pin D-sub connector (female)
Electrical	
• Input Voltage	12-24 VDC
• Input Voltage Range	10.8-26.4 VDC
• Power Consumption	100 mA @ 24 VDC
• Maximum Power	2.90 Watts
• Maximum Inrush Current	5 A @ 500 μs with 12 VDC applied, 10 A @ 500 μs with 24 VDC applied
• Recommended Fuse	Type AGC fast acting glass fuse, 750 mA, 250 VAC, ADC #AGC-75
• Connector Type	3-pin screw type terminal block
Physical	
• Weight	2.8 oz. [80 g]
• Environmental	See environmental specifications at the beginning of this catalog section.



NOTE: Recommended DC power supply to power either DC Power Adapter, AutomationDirect Part No. PSC-24-015 or PSC-24-030.

PLC Serial Communications Port 2

Pin	Signal	Pin	Signal	Pin	Signal
1	Frame GND	6	LE	11	TXD+ (422/485)
2	TXD (232C)	7	CTS (232C)	12	TXD- (422/485)
3	RXD (232C)	8	RTS (232C)	13	Term. Resistor
4	Supplies +5VDC	9	RXD+ (422/485)	14	do not use
5	Logic GND	10	RXD- (422/485)	15	do not use



C-more Micro 3-inch EA1 Panel Accessories

D-SUB 15-pin to Terminal Block Adapter

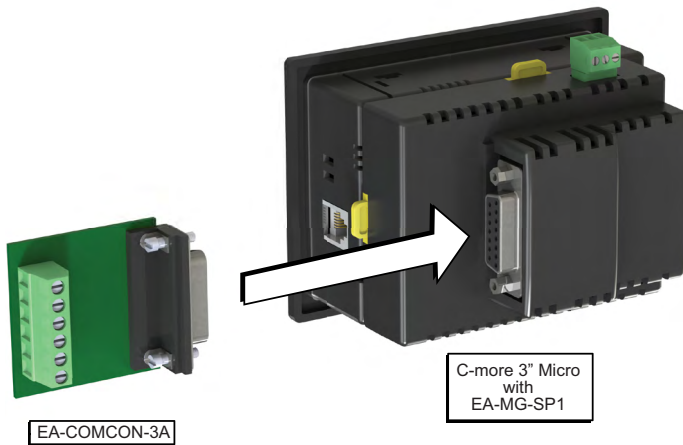
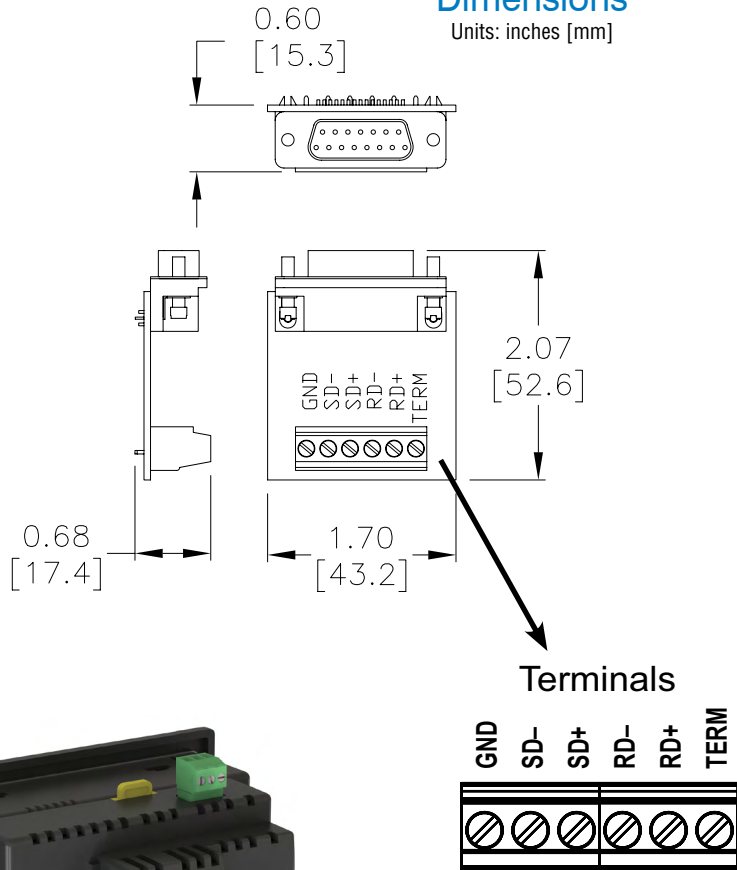
DSUB port adapter, 15-pin male to 6-pole RS-422/485 terminal block, straight cable entry. For use with **C-more** Micro EA1 series 3in with EA1-MG-SP1, **C-more** Micro EA3 series 8in and 10in HMLs, **C-more** EA9 8in, 10in, 12in and 15in HMLs.

Part No.
EA-COMCON-3A



\$19.50

Dimensions
Units: inches [mm]

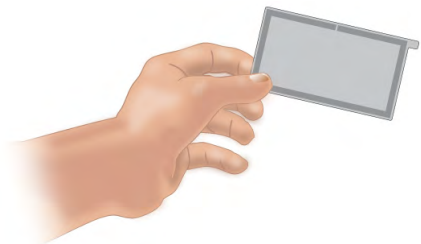


C-more Micro 3-inch EA1 Panel Accessories

Clear Screen Overlay

Optional clear screen overlay used to protect **C-more** 3-inch Micro displays from minor scratches and wear. Package contains 5 clear screen overlays.

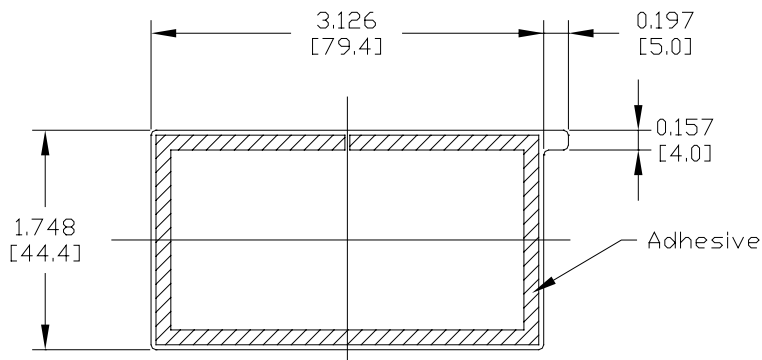
Part No. EA-MG-COV-CL



\$36.00

Dimensions

Units: inches [mm]



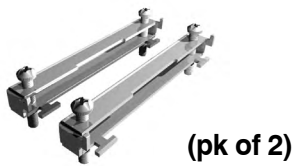
C-more Micro 3-inch EA1 Replacement Parts

The optional replacement parts can be used to replace damaged, worn or lost **C-more** 3-inch Micro panel components.

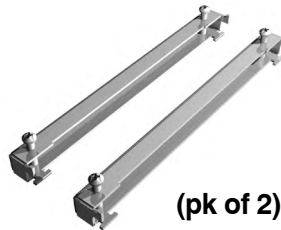
Replacement parts at a glance:

Part Number	Description	Price
EA-MG-S3ML-BRK	Panel mounting brackets, replacement. Package of 2. For use with C-more Micro 3in and EA3-T4CL HMIs.	\$18.00
EA-MG-BZ1-BRK	Panel mounting brackets, replacement. Package of 2. For use with C-more Micro bezel EA-MG-BZ1.	\$18.00
EA-MG-BZ2-BRK	Panel mounting brackets, replacement. Package of 8. For use with C-more Micro 4in and 6in panels, all 6in bezels, and 3in bezel EA-MG-BZ2.	\$19.00
EA-MG-DC-CON	DC 3-terminal power connector, replacement. Package of 5. For use with all C-more Micro 4in, 6in, 8in and 10in panels, and power adapters EA-MG-P1 and EA-MG-SP1.	\$14.50
EA-MG-S3ML-GSK	Panel mounting gasket, replacement. For use with 3in C-more Micro panels.	\$12.50
EA-MG-BZ1-GSK	Panel mounting gasket, replacement. For use with 3in C-more Micro bezel EA-MG-BZ1.	\$15.50
EA-MG-BZ2-GSK	Panel mounting gasket, replacement. For use with 3in C-more Micro bezel EA-MG-BZ2.	\$15.50
EA-MG-S3ML-FKL	Function key label insert, replacement. Package of 10. For use with C-more Micro 3in panels. (5) blank labels (5) landscape F1-F5 label included.	\$10.00

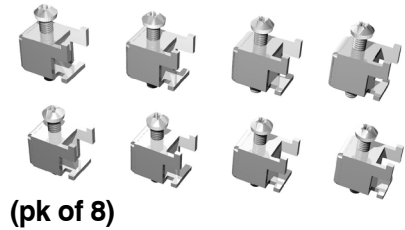
Panel Mounting Clips
Part No. EA-MG-S3ML-BRK



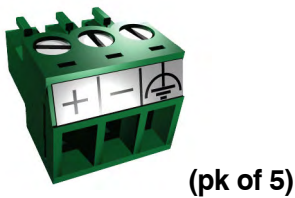
Keypad Bezel 1 Mounting Clips
Part No. EA-MG-BZ1-BRK



Keypad Bezel 2 Mounting Clips
Part No. EA-MG-BZ2-BRK



DC Power Connector
Part No. EA-MG-DC-CON



3-inch Panel Gasket
Part No. EA-MG-S3ML-GSK



3-inch Keypad Bezel 1 Gasket
Part No. EA-MG-BZ1-GSK



3-inch Keypad Bezel 2 Gasket
Part No. EA-MG-BZ2-GSK



3-inch Panel Function Keys Label Inserts
Part No. EA-MG-S3ML-FKL

