

QLINE I, TYPE 4X



INDUSTRY STANDARDS

Polycarbonate Enclosure

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997

Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
CSA File No. 42186: Type 4, 4X, 12, 13
IEC 60529, IP66

ABS Enclosure

NEMA/EEMAC Type 4, 4X, 12, 13
IEC 60529, IP66

APPLICATION

The largest-sized QLINE enclosure, QLINE I provides easy access and protects larger controls from corrosive environments. Choose from screw cover, hinge, internal mounting, variable depth and quick-release latch options to meet your design and security requirements.

The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

SPECIFICATIONS

- Body is impact-resistant polycarbonate for PCI series and ABS for ABI series
- Opaque and clear covers are impact-resistant polycarbonate for PCI; opaque covers are ABS for ABI series
- Polycarbonate and ABS material is easily punched, drilled, filed or sawed
- Mounting holes molded directly under cover screws
- Molded internal pads for mounting optional panels, rails and other components
- Molded internal rails for mounting adjustable-depth panel kit
- Screws provided for mounting optional panel
- Optional extension rings are molded polycarbonate
- Cover includes a molded-in hole for wire lead
- Seamless foam-in-place gasket assures watertight and dust-tight seal
- Material is halogen free

Screw Cover Enclosures have easy-to-remove covers attached to body with strong, durable polyamide cross-point cover screws.

Enclosures with Quick-Release Latches have polycarbonate hinges and polyester latches with a padlock provision.

FINISH

Polycarbonate and ABS enclosure material is RAL 7035 light-gray inside and out. Optional panels are plated steel.

ACCESSORIES

See also Accessories.

Brass Insert Kit
Cover Screw Kit
Extension Rings
Hardware Kit
H2OMIT Vent Drains, Type 4X
Hinge Kit
HOL-SEALERS Non-Metallic Hole Seals
Mounting Bracket Kit
Panel Depth Fitting

MODIFICATION AND CUSTOMIZATION

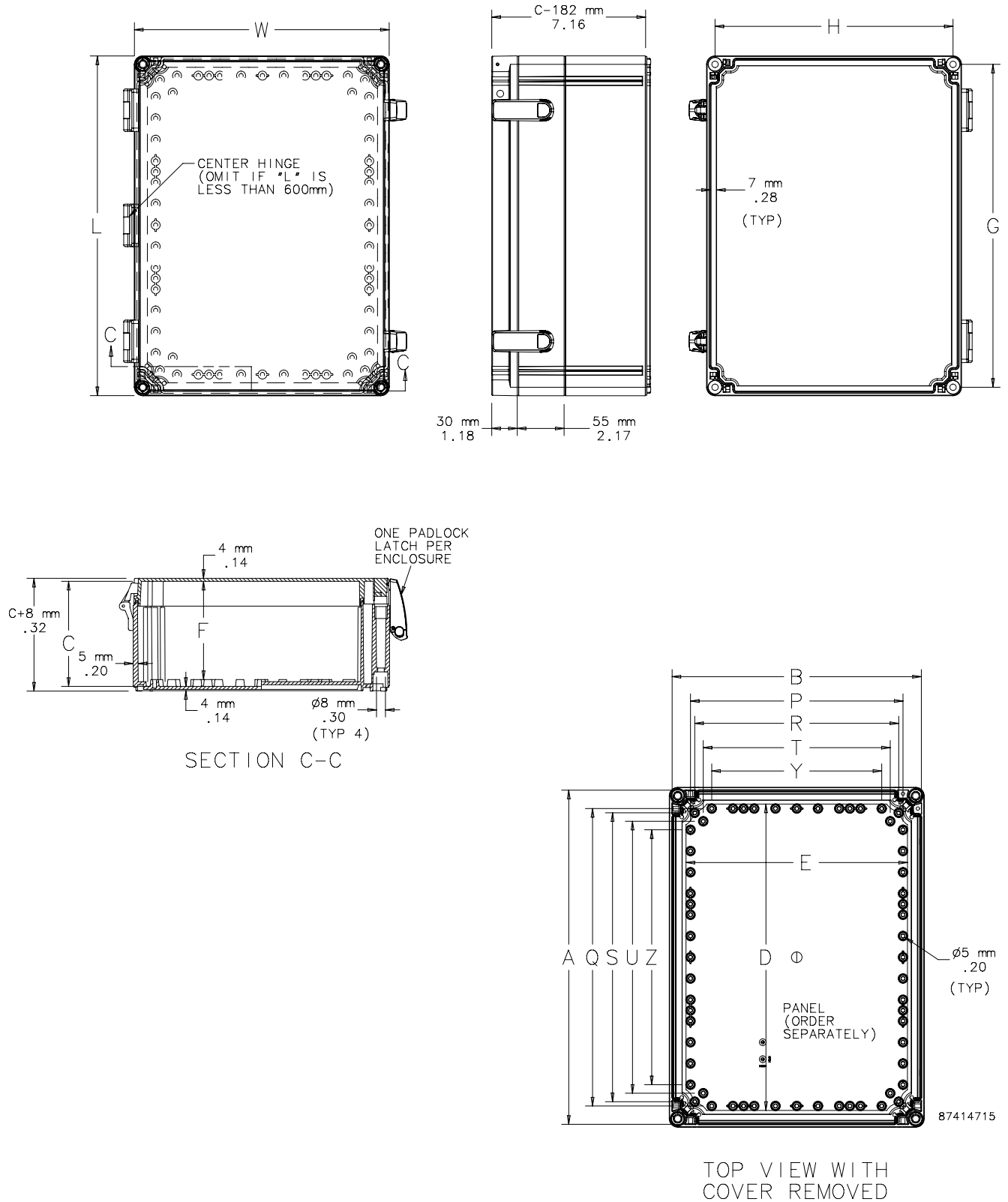
Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

BULLETIN: Q41

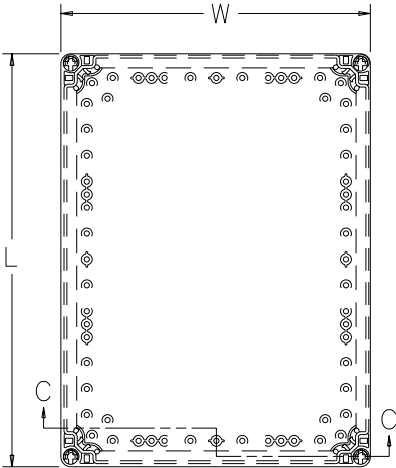
Standard Product **Polycarbonate**

Catalog Number	AxBxC mm/in.	Cover Style	Cover Type	External Dim's L x W mm/in.	Panel	Panel Size D x E mm/in.	Extension Ring	Mounting G x H mm/in.	F mm/in.	P mm/in.	Q mm/in.	R mm/in.	S mm/in.	T mm/in.	U mm/in.	V mm/in.	W mm/in.
Q202013PCI	188 x 188 x 123 7.40 x 7.40 x 4.84	Opaque	Screw Cover	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202013PICCC	188 x 188 x 123 7.40 x 7.40 x 4.84	Clear	Screw Cover	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	120 4.33	100 3.94	100 3.94
Q302013PCI	288 x 188 x 123 11.34 x 7.40 x 4.84	Opaque	Screw Cover	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q302013PICCC	288 x 188 x 123 11.34 x 7.40 x 4.84	Clear	Screw Cover	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q402013PCI	388 x 188 x 123 15.28 x 7.40 x 4.84	Opaque	Screw Cover	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402013PICCC	388 x 188 x 123 15.28 x 7.40 x 4.84	Clear	Screw Cover	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303013PCI	288 x 288 x 123 11.34 x 11.34 x 4.84	Opaque	Screw Cover	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303013PICCC	288 x 288 x 123 11.34 x 11.34 x 4.84	Clear	Screw Cover	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403013PCI	388 x 288 x 123 15.28 x 11.34 x 4.84	Opaque	Screw Cover	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403013PICCC	388 x 288 x 123 15.28 x 11.34 x 4.84	Clear	Screw Cover	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q603013PCI	300 x 600 x 130 11.81 x 23.62 x 5.12	Opaque	Screw Cover	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	115 4.53	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q603013PICCC	300 x 600 x 130 11.81 x 23.62 x 5.12	Clear	Screw Cover	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	115 4.53	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q604013PCI	400 x 600 x 130 15.75 x 23.62 x 5.12	Opaque	Screw Cover	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	115 4.53	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q604013PICCC	400 x 600 x 130 15.75 x 23.62 x 5.12	Clear	Screw Cover	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	115 4.53	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q202018PCI	188 x 188 x 173 7.40 x 7.40 x 6.81	Opaque	Screw Cover	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	165 6.50	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202018PICCC	188 x 188 x 173 7.40 x 7.40 x 6.81	Clear	Screw Cover	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	Q2020EXTI	180 x 180 7.09 x 7.09	165 6.50	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q302018PCI	288 x 188 x 173 11.34 x 7.40 x 6.81	Opaque	Screw Cover	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	165 6.50	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	110 4.33	100 3.94	200 7.87
Q302018PICCC	288 x 188 x 173 11.34 x 7.40 x 6.81	Clear	Screw Cover	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	Q3020EXTI	280 x 180 11.02 x 7.09	165 6.50	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	110 4.33	100 3.94	200 7.87
Q402018PCI	388 x 188 x 173 15.28 x 7.40 x 6.81	Opaque	Screw Cover	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	165 6.50	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402018PICCC	388 x 188 x 173 15.28 x 7.40 x 6.81	Clear	Screw Cover	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	Q4020EXTI	380 x 180 14.96 x 7.09	165 6.50	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303018PCI	288 x 288 x 173 11.34 x 11.34 x 6.81	Opaque	Screw Cover	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	165 6.50	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303018PICCC	288 x 288 x 173 11.34 x 11.34 x 6.81	Clear	Screw Cover	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	Q3030EXTI	280 x 280 11.02 x 11.02	165 6.50	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403018PCI	388 x 288 x 173 15.28 x 11.34 x 6.81	Opaque	Screw Cover	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	165 6.50	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403018PICCC	388 x 288 x 173 15.28 x 11.34 x 6.81	Clear	Screw Cover	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	Q4030EXTI	380 x 280 14.96 x 11.02	165 6.50	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q603018PCI	300 x 600 x 180 11.81 x 23.62 x 7.09	Opaque	Screw Cover	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	165 6.50	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q603018PICCC	300 x 600 x 180 11.81 x 23.62 x 7.09	Clear	Screw Cover	600 x 300 23.62 x 11.81	Q6030PI	560 x 260 22.05 x 10.24	Q6030EXTI	580 x 280 22.83 x 11.02	165 6.50	250 9.84	550 21.65	240 9.45	540 21.26	220 8.66	510 20.08	200 7.87	500 19.69
Q604018PCI	400 x 600 x 180 15.75 x 23.62 x 7.09	Opaque	Screw Cover	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	165 6.50	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q604018PICCC	400 x 600 x 180 15.75 x 23.62 x 7.09	Clear	Screw Cover	600 x 400 23.62 x 15.75	Q6040PI	560 x 360 22.05 x 14.17	Q6040EXTI	580 x 380 22.83 x 14.96	165 6.50	350 13.78	550 21.65	340 13.39	540 21.26	320 12.60	510 20.08	300 11.81	500 19.69
Q202013PCIQRR	200 x 200 x 130 7.87 x 7.87 x 5.12	Opaque	QR Latch	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	—	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q202013PCIQCCR	200 x 200 x 130 7.87 x 7.87 x 5.12	Clear	QR Latch	200 x 200 7.87 x 7.87	Q2020PI	160 x 160 6.30 x 6.30	—	180 x 180 7.09 x 7.09	115 4.53	150 5.91	150 5.91	140 5.51	140 5.51	120 4.72	110 4.33	100 3.94	100 3.94
Q302013PCIQRR	200 x 300 x 130 7.87 x 11.81 x 5.12	Opaque	QR Latch	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	—	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q302013PCIQCCR	200 x 300 x 130 7.87 x 11.81 x 5.12	Clear	QR Latch	300 x 200 11.81 x 7.87	Q3020PI	260 x 160 10.24 x 6.30	—	280 x 180 11.02 x 7.09	115 4.53	150 5.91	250 9.84	140 5.51	240 9.45	120 4.72	210 8.27	100 3.94	200 7.87
Q402013PCIQRR	200 x 400 x 130 7.87 x 15.75 x 5.12	Opaque	QR Latch	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	—	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q402013PCIQCCR	200 x 400 x 130 7.87 x 15.75 x 5.12	Clear	QR Latch	400 x 200 15.75 x 7.87	Q4020PI	360 x 160 14.17 x 6.30	—	380 x 180 14.96 x 7.09	115 4.53	150 5.91	350 13.78	140 5.51	340 13.39	120 4.72	310 12.20	100 3.94	300 11.81
Q303013PCIQRR	300 x 300 x 130 11.81 x 11.81 x 5.12	Opaque	QR Latch	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	—	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q303013PCIQCCR	300 x 300 x 130 11.81 x 11.81 x 5.12	Clear	QR Latch	300 x 300 11.81 x 11.81	Q3030PI	260 x 260 10.24 x 10.24	—	280 x 280 11.02 x 11.02	115 4.53	250 9.84	250 9.84	240 9.45	240 9.45	220 8.66	210 8.27	200 7.87	200 7.87
Q403013PCIQRR	300 x 400 x 130 11.81 x 15.75 x 5.12	Opaque	QR Latch	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	—	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81
Q403013PCIQCCR	300 x 400 x 130 11.81 x 15.75 x 5.12	Clear	QR Latch	400 x 300 15.75 x 11.81	Q4030PI	360 x 260 14.17 x 10.24	—	380 x 280 14.96 x 11.02	115 4.53	250 9.84	350 13.78	240 9.45	340 13.39	220 8.66	310 12.20	200 7.87	300 11.81

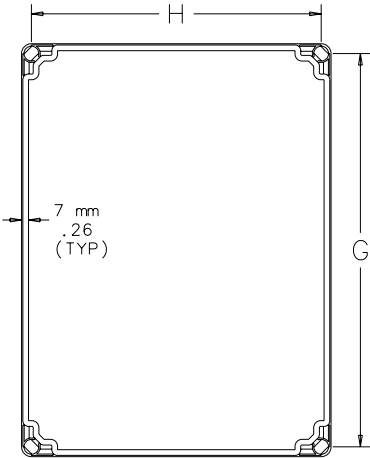
QLINE I Polycarbonate and ABS Type 4X Enclosures with Quick-Release Latches Dimension Drawing



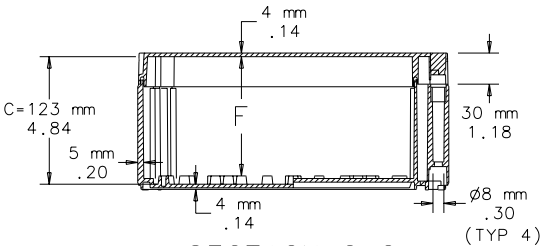
QLINE I Polycarbonate and ABS Screw Cover Dimension Drawing



TOP VIEW

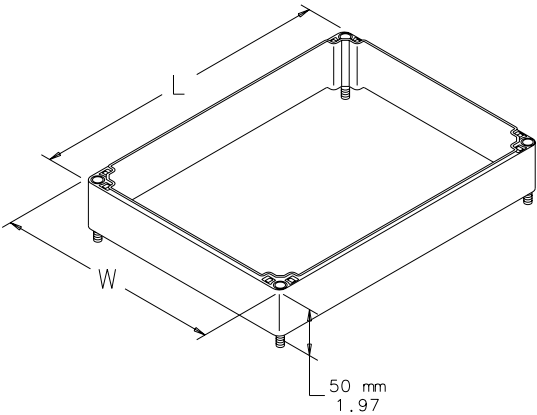


BOTTOM VIEW

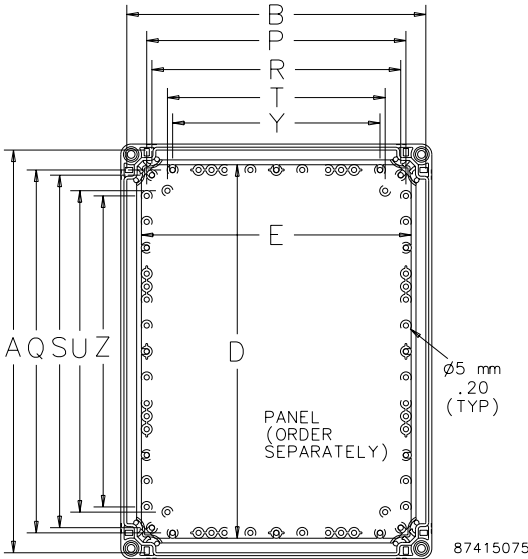


SECTION C-C

NOTE: Panel screws are M5 pan head.



OPTIONAL EXTENSION RING



TOP VIEW WITH COVER REMOVED