

RP186

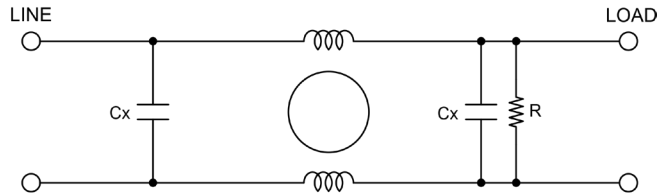
ULTRA HIGH PERFORMANCE SINGLE STAGE IEC INLET FILTER

FEATURES

- » Rated currents include **1A, 3A, 6A, 10A, 12A, 15A, 16A, and 20A**
- » Single Stage Line Filter
- » Available with **QD** tabs or **W** (wireleads) option
- » Ultra High Performance
- » Agency Approved to UL1283 / 60929, CSA C22.2, EN 60939
- » Y-cap value can be adjusted to fit specifications

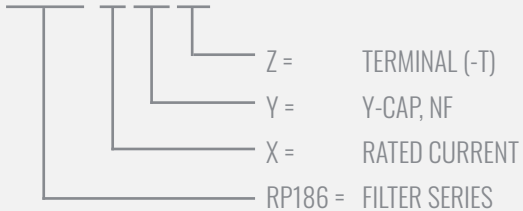


ELECTRICAL SCHEMATIC



HOW TO ORDER

RP186-X-Y-Z



NOTE: USE ANY COMBINATION OF -X (AMPS) WITH ANY -Y RATINGS
E.G. **RP186-6-.47-QD** (6AMPS WITH .47 NF YCAP)

For **X**, **Y** and **Z** options see product specification table.

SPECIFICATIONS

| | |
|------------------------|------------------------------|
| OPERATING FREQUENCY | 50/60Hz |
| USABLE FREQUENCY | DC - 400 Hz |
| MAX. OPERATING VOLTAGE | 250V +10% |
| AMBIENT TEMPERATURE | -25 TO 60°C UL/ 40°C IEC |
| CLIMATIC CATEGORY | 25/100/21 |
| TERMINALS (-T) | QD: 0.25" TABS WIRE LEADS |
| TYP. WEIGHT, LBS (KG) | 0.2 (0.15) |

TYPICAL LEAKAGE CURRENT

| | |
|-----------------|-----------------|
| @ 250 VAC 50 Hz | 0 - 4.0 mA Max. |
| @ 120 VAC 60 Hz | 0 - 8.0 mA Max. |

HIPOT RATINGS

| | |
|----------------|----------|
| LINE TO GROUND | 2121 VDC |
|----------------|----------|

TYPICAL APPLICATIONS

- ✓ Electronic Equipment
- ✓ Household Appliances
- ✓ Single-Phase Power Supplies
- ✓ Diagnostic Medical Equipment
- ✓ Lighting Fixtures
- ✓ Test & Measurement
- ✓ Industrial Automation

RP186

ULTRA HIGH PERFORMANCE SINGLE STAGE IEC INLET FILTER

| MODEL NO. | RATED CURRENT, A @ 40° C | Y-CAP, nF | LEAKAGE CURRENT, mA @ 250V AC, 50 Hz / @ 120V AC, 60 Hz | | TERMINAL OPTIONS | | MAX. DIMENSIONS" (MM) | | |
|----------------|--------------------------|-----------|---|------|------------------|------------|-----------------------|--------------|------------|
| | | | | | (QD) OUTPUT | (W) OUTPUT | WIDTH | (LENGTH) | HEIGHT |
| RP186-1-0-QD | 1 | 0 | - | - | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-0-W | 1 | 0 | - | - | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-47-QD | 1 | 0.47 | 0.08 | 0.04 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-47-W | 1 | 0.47 | 0.08 | 0.04 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-1-QD | 1 | 1 | 0.20 | 0.10 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-1-W | 1 | 1 | 0.20 | 0.10 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-2.2-QD | 1 | 2.2 | 0.40 | 0.20 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-2.2-W | 1 | 2.2 | 0.40 | 0.20 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-4.7-QD | 1 | 4.7 | 0.80 | 0.40 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-4.7-W | 1 | 4.7 | 0.80 | 0.40 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-10-QD | 1 | 10 | 1.80 | 0.90 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-10-W | 1 | 10 | 1.80 | 0.90 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-22-QD | 1 | 22 | 4.00 | 2.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-22-W | 1 | 22 | 4.00 | 2.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-47-QD | 1 | 47 | 8.00 | 4.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-1-47-W | 1 | 47 | 8.00 | 4.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-0-QD | 3 | 0 | - | - | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-0-W | 3 | 0 | - | - | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-47-QD | 3 | 0.47 | 0.08 | 0.04 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-47-W | 3 | 0.47 | 0.08 | 0.04 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-1-QD | 3 | 1 | 0.20 | 0.10 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-1-W | 3 | 1 | 0.20 | 0.10 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-2.2-QD | 3 | 2.2 | 0.40 | 0.20 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-2.2-W | 3 | 2.2 | 0.40 | 0.20 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-4.7-QD | 3 | 4.7 | 0.80 | 0.40 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-4.7-W | 3 | 4.7 | 0.80 | 0.40 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-10-QD | 3 | 10 | 1.80 | 0.90 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-10-W | 3 | 10 | 1.80 | 0.90 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-22-QD | 3 | 22 | 4.00 | 2.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-22-W | 3 | 22 | 4.00 | 2.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-47-QD | 3 | 47 | 8.00 | 4.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-3-47-W | 3 | 47 | 8.00 | 4.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-0-QD | 6 | 0 | - | - | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-0-W | 6 | 0 | - | - | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |

ADDITIONAL MODEL NO. >>

RP186

ULTRA HIGH PERFORMANCE SINGLE STAGE IEC INLET FILTER

| MODEL NO. | RATED CURRENT, A @ 40° C | Y-CAP, nF | LEAKAGE CURRENT, mA @ 250V AC, 50 Hz / @ 120V AC, 60 Hz | | TERMINAL OPTIONS | | MAX. DIMENSIONS" (MM) | | |
|-----------------|--------------------------|-----------|---|------|------------------|------------|-----------------------|--------------|------------|
| | | | | | (QD) OUTPUT | (W) OUTPUT | WIDTH | (LENGTH) | HEIGHT |
| RP186-6-47-QD | 6 | 0.47 | 0.08 | 0.04 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-47-W | 6 | 0.47 | 0.08 | 0.04 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-1-QD | 6 | 1 | 0.20 | 0.10 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-1-W | 6 | 1 | 0.20 | 0.10 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-2.2-QD | 6 | 2.2 | 0.40 | 0.20 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-2.2-W | 6 | 2.2 | 0.40 | 0.20 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-4.7-QD | 6 | 4.7 | 0.80 | 0.40 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-4.7-W | 6 | 4.7 | 0.80 | 0.40 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-10-QD | 6 | 10 | 1.80 | 0.90 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-10-W | 6 | 10 | 1.80 | 0.90 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-22-QD | 6 | 22 | 4.00 | 2.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-22-W | 6 | 22 | 4.00 | 2.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-47-QD | 6 | 47 | 8.00 | 4.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-6-47-W | 6 | 47 | 8.00 | 4.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-0-QD | 10 | 0 | - | - | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-0-W | 10 | 0 | - | - | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-47-QD | 10 | 0.47 | 0.08 | 0.04 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-47-W | 10 | 0.47 | 0.08 | 0.04 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-1-QD | 10 | 1 | 0.20 | 0.10 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-1-W | 10 | 1 | 0.20 | 0.10 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-2.2-QD | 10 | 2.2 | 0.40 | 0.20 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-2.2-W | 10 | 2.2 | 0.40 | 0.20 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-4.7-QD | 10 | 4.7 | 0.80 | 0.40 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-4.7-W | 10 | 4.7 | 0.80 | 0.40 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-10-QD | 10 | 10 | 1.80 | 0.90 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-10-W | 10 | 10 | 1.80 | 0.90 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-22-QD | 10 | 22 | 4.00 | 2.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-22-W | 10 | 22 | 4.00 | 2.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-47-QD | 10 | 47 | 8.00 | 4.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-10-47-W | 10 | 47 | 8.00 | 4.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-0-QD | 12 | 0 | - | - | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-0-W | 12 | 0 | - | - | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-47-QD | 12 | 0.47 | 0.08 | 0.04 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-47-W | 12 | 0.47 | 0.08 | 0.04 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |

ADDITIONAL MODEL NO. >>

RP186

ULTRA HIGH PERFORMANCE SINGLE STAGE IEC INLET FILTER

| MODEL NO. | RATED CURRENT, A @ 40° C | Y-CAP, nF | LEAKAGE CURRENT, mA @ 250V AC, 50 Hz / @ 120V AC, 60 Hz | | TERMINAL OPTIONS | | MAX. DIMENSIONS" (MM) | | |
|-----------------|--------------------------|-----------|---|------|------------------|------------|-----------------------|--------------|------------|
| | | | | | (QD) OUTPUT | (W) OUTPUT | WIDTH | (LENGTH) | HEIGHT |
| RP186-12-1-QD | 12 | 1 | 0.20 | 0.10 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-1-W | 12 | 1 | 0.20 | 0.10 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-2.2-QD | 12 | 2.2 | 0.40 | 0.20 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-2.2-W | 12 | 2.2 | 0.40 | 0.20 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-4.7-QD | 12 | 4.7 | 0.80 | 0.40 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-4.7-W | 12 | 4.7 | 0.80 | 0.40 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-10-QD | 12 | 10 | 1.80 | 0.90 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-10-W | 12 | 10 | 1.80 | 0.90 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-22-QD | 12 | 22 | 4.00 | 2.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-22-W | 12 | 22 | 4.00 | 2.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-47-QD | 12 | 47 | 8.00 | 4.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-12-47-W | 12 | 47 | 8.00 | 4.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-0-QD | 15 | 0 | - | - | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-0-W | 15 | 0 | - | - | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-47-QD | 15 | 0.47 | 0.08 | 0.04 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-47-W | 15 | 0.47 | 0.08 | 0.04 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-1-QD | 15 | 1 | 0.20 | 0.10 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-1-W | 15 | 1 | 0.20 | 0.10 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-2.2-QD | 15 | 2.2 | 0.40 | 0.20 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-2.2-W | 15 | 2.2 | 0.40 | 0.20 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-4.7-QD | 15 | 4.7 | 0.80 | 0.40 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-4.7-W | 15 | 4.7 | 0.80 | 0.40 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-10-QD | 15 | 10 | 1.80 | 0.90 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-10-W | 15 | 10 | 1.80 | 0.90 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-22-QD | 15 | 22 | 4.00 | 2.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-22-W | 15 | 22 | 4.00 | 2.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-47-QD | 15 | 47 | 8.00 | 4.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-15-47-W | 15 | 47 | 8.00 | 4.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-0-QD | 16 | 0 | - | - | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-0-W | 16 | 0 | - | - | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-47-QD | 16 | 0.47 | 0.08 | 0.04 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-47-W | 16 | 0.47 | 0.08 | 0.04 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-1-QD | 16 | 1 | 0.20 | 0.10 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-1-W | 16 | 1 | 0.20 | 0.10 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |

ADDITIONAL MODEL NO. >>

RP186

ULTRA HIGH PERFORMANCE SINGLE STAGE IEC INLET FILTER

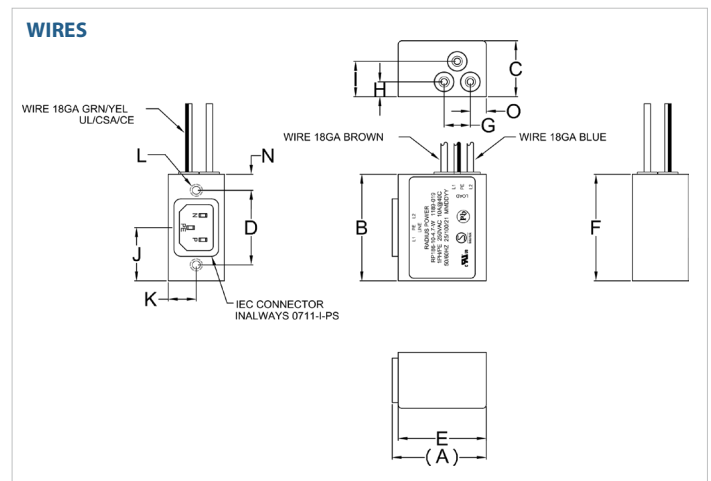
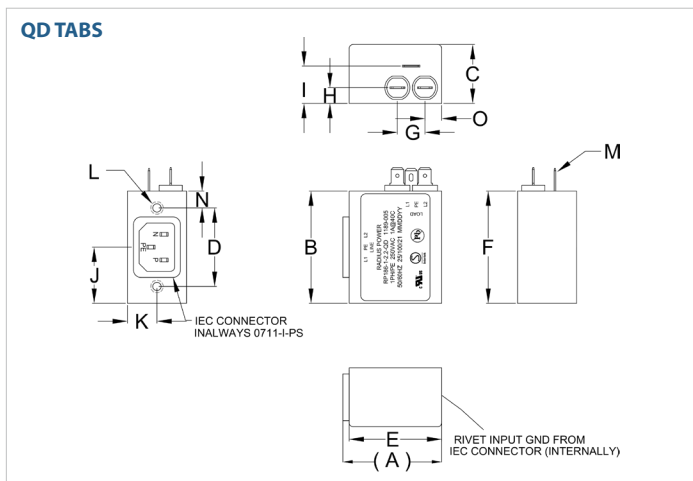
| MODEL NO. | RATED CURRENT, A @ 40° C | Y-CAP, nF | LEAKAGE CURRENT, mA @ 250V AC, 50 Hz / @ 120V AC, 60 Hz | | TERMINAL OPTIONS | | MAX. DIMENSIONS" (MM) | | |
|-----------------|--------------------------|-----------|---|------|------------------|------------|-----------------------|--------------|------------|
| | | | | | (QD) OUTPUT | (W) OUTPUT | WIDTH | (LENGTH) | HEIGHT |
| RP186-16-2.2-QD | 16 | 2.2 | 0.40 | 0.20 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-2.2-W | 16 | 2.2 | 0.40 | 0.20 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-4.7-QD | 16 | 4.7 | 0.80 | 0.40 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-4.7-W | 16 | 4.7 | 0.80 | 0.40 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-10-QD | 16 | 10 | 1.80 | 0.90 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-10-W | 16 | 10 | 1.80 | 0.90 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-22-QD | 16 | 22 | 4.00 | 2.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-22-W | 16 | 22 | 4.00 | 2.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-47-QD | 16 | 47 | 8.00 | 4.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-16-47-W | 16 | 47 | 8.00 | 4.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-0-QD | 20 | 0 | - | - | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-0-W | 20 | 0 | - | - | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-47-QD | 20 | 0.47 | 0.08 | 0.04 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-47-W | 20 | 0.47 | 0.08 | 0.04 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-1-QD | 20 | 1 | 0.20 | 0.10 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-1-W | 20 | 1 | 0.20 | 0.10 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-2.2-QD | 20 | 2.2 | 0.40 | 0.20 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-2.2-W | 20 | 2.2 | 0.40 | 0.20 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-4.7-QD | 20 | 4.7 | 0.80 | 0.40 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-4.7-W | 20 | 4.7 | 0.80 | 0.40 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-10-QD | 20 | 10 | 1.80 | 0.90 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-10-W | 20 | 10 | 1.80 | 0.90 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-22-QD | 20 | 22 | 4.00 | 2.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-22-W | 20 | 22 | 4.00 | 2.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-47-QD | 20 | 47 | 8.00 | 4.00 | ✓ | | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |
| RP186-20-47-W | 20 | 47 | 8.00 | 4.00 | | ✓ | 2.25" (57.2) | 1.98" (50.2) | 1.18" (30) |

*Contact factory for dimensions.

RP186

ULTRA HIGH PERFORMANCE SINGLE STAGE IEC INLET FILTER

RP186 MECHANICAL OUTLINES (MM)



| SERIES | (A) | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|----------------|-----------------|-----------------|---------------|---------------|---------------|-----------------|---------------|--------------|---------------|-----------------|---------------|------------------|-------------------------------|-----------------|----------------|
| QD TABS | 1.98" (50.2) | 2.25" (57.2) | 1.18" (30) | 1.57" (40) | 1.85" (47) | 2.25" (57.2) | 0.55" (14) | 0.31" (8) | 0.75" (19) | 1.13" (28.6) | 0.59" (15) | INSERT BS-M3, 2x | 0.25", 3x QD MALE 6.35, 3x | 0.34" (8.58) | 0.33" (8.5) |
| WIRES | 1.98" (50.2) | 2.25" (57.2) | 1.18" (30) | 1.57" (40) | 1.85" (47) | 2.25" (57.2) | 0.55" (14) | 0.31" (8) | 0.75" (19) | 1.13" (28.6) | 0.59" (15) | INSERT BS-M3, 2x | N/A | 0.34" (8.58) | 0.33" (8.5) |

TYPICAL TOLERANCE: +/-0.02" (0.50MM)

TYPICAL INSERTION LOSS, dB (50/50 Ohm)

| Amps | Freq (MHz) | Insertion Loss (dB) | | | | | |
|------|------------|---------------------|-----|-----|----|----|--|
| | | 0.15 | 0.5 | 1.0 | 10 | 30 | |
| 1 | CM (dB) | 46 | 35 | 30 | 30 | 45 | |
| | DM (dB) | 60 | 80 | 80 | 50 | 35 | |
| 3 | CM (dB) | 50 | 40 | 35 | 30 | 55 | |
| | DM (dB) | 45 | 70 | 80 | 50 | 40 | |
| 6 | CM (dB) | 40 | 45 | 40 | 40 | 60 | |
| | DM (dB) | 35 | 70 | 80 | 45 | 45 | |
| 10 | CM (dB) | 30 | 40 | 35 | 35 | 40 | |
| | DM (dB) | 25 | 60 | 70 | 45 | 35 | |
| 12 | CM (dB) | 25 | 40 | 40 | 46 | 40 | |
| | DM (dB) | 20 | 55 | 75 | 70 | 46 | |
| 15 | CM (dB) | 20 | 30 | 35 | 45 | 40 | |
| | DM (dB) | 20 | 50 | 70 | 65 | 60 | |

RP186

ULTRA HIGH PERFORMANCE SINGLE STAGE IEC INLET FILTER

| Amps | Freq (MHz) | 0.15 | 0.5 | 1.0 | 10 | 30 |
|------|------------|------|-----|-----|----|----|
| 16 | CM (dB) | 30 | 45 | 45 | 65 | 40 |
| | DM (dB) | 20 | 65 | 85 | 55 | 50 |
| 20 | CM (dB) | 25 | 40 | 40 | 65 | 40 |
| | DM (dB) | 20 | 65 | 85 | 60 | 55 |