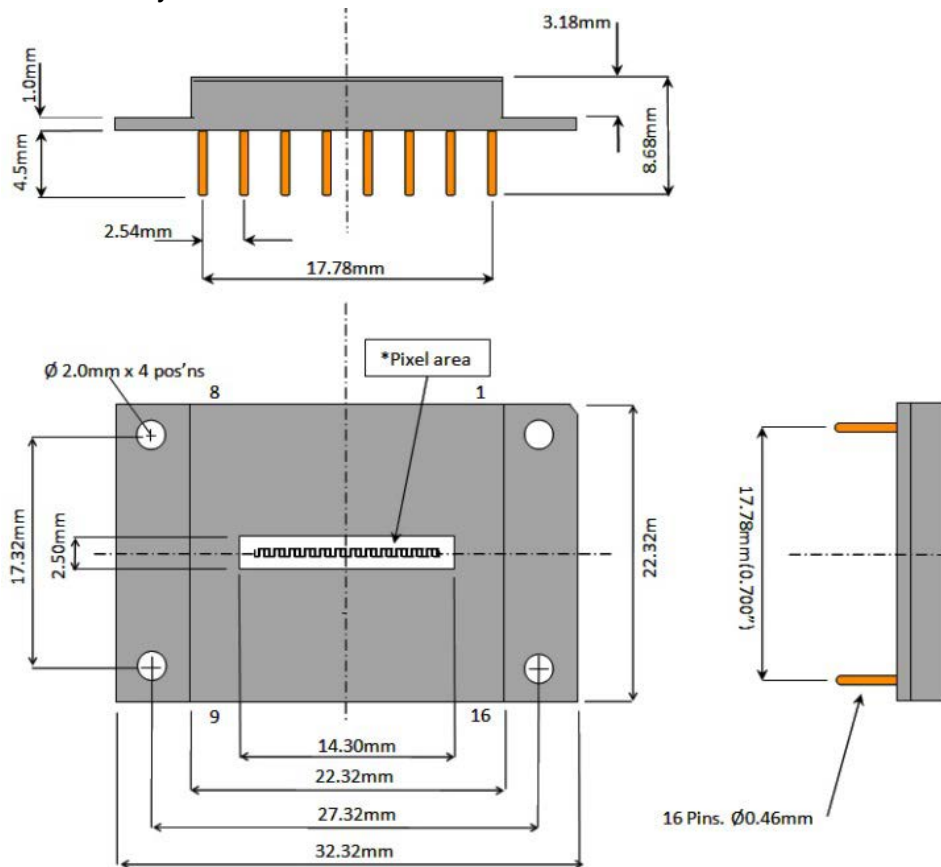


Dimensions – Millimeters

510 Element Line Sensor Array

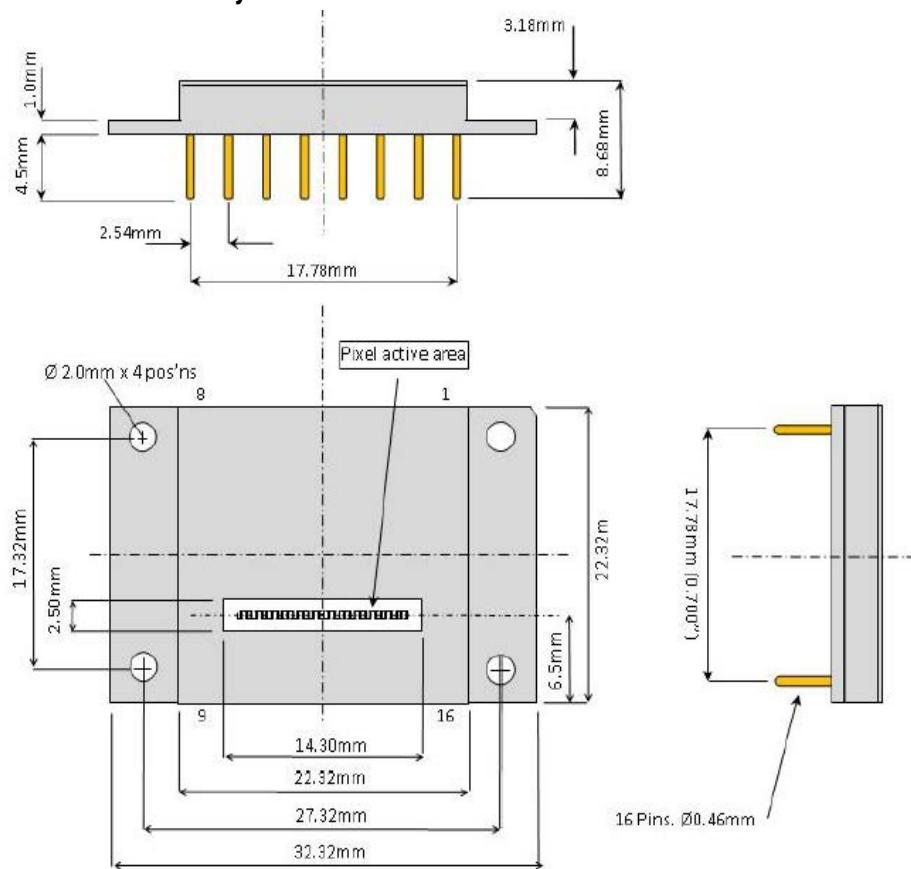


Pin Configuration of Sensor - 510 Element Line Sensor Array

| No. | Name | Comment |
|-----|------|------------------------------------------|
| 1 | CLK | Input clock CLK (trigger on rising edge) |
| 2 | RES | Input clock RES (active low) |
| 3 | VVR | Input clock VVR (active high) |
| 4 | VDR | Input clock VDR (active high) |
| 5 | VSH | Input clock VSH (active high) |
| 6 | VD2 | Operating voltage (+2.5 V) |
| 7 | AVDD | Operating voltage (+5 V) |
| 8 | VD2 | Operating voltage (+2.5 V) |
| 9 | OUT1 | Analogue signal output |
| 10 | AGND | Ground |
| 11 | OUT2 | Analogue signal out |
| 12 | T+ | Temperature sensor |
| 13 | T- | Temperature sensor |
| 14 | case | Case |
| 15 | DGND | Ground |
| 16 | DVDD | Operating voltage (+5 V) |

Dimensions – Millimeters cont.

255 and 128 Element Line Sensor Array



Pin Configuration of Sensor - 255 and 128 Element Line Sensor Array

| No. | Name | Comment |
|-----|------|------------------------------------------|
| 1 | CLK | Input clock CLK (trigger on rising edge) |
| 2 | RES | Input clock RES (active low) |
| 3 | VVR | Input clock VVR (active high) |
| 4 | VDR | Input clock VDR (active high) |
| 5 | VSH | Input clock VSH (active high) |
| 6 | VD2 | Operating voltage (+2.5 V) |
| 7 | AVDD | Operating voltage (+5 V) |
| 8 | VD2 | Operating voltage (+2.5 V) |
| 9 | OUT1 | Analogue signal output |
| 10 | AGND | Ground |
| 11 | n.c. | Not connected |
| 12 | T+ | Temperature sensor |
| 13 | T- | Temperature sensor |
| 14 | case | Case |
| 15 | DGND | Ground |
| 16 | DVDD | Operating voltage (+5 V) |