

OQN

QUAD FINE PITCH NO LEAD

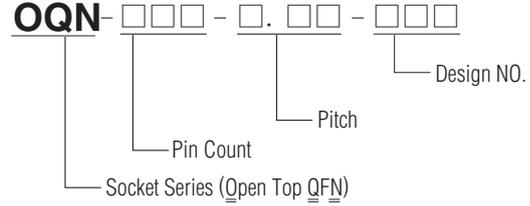


Type B: "B" stands for "Burn-in"

Type BT: "T" stands for "Thermal" (socket with Ground Pin type).

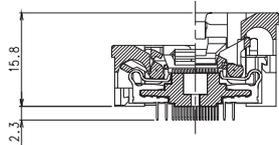
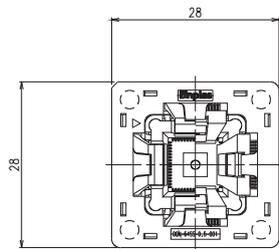
※RoHS compliant

ORDERING PROCEDURE

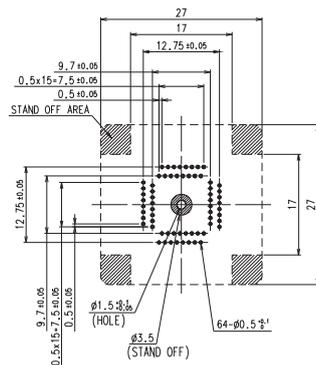


| Specification / 仕様 | |
|---|-------------------------------------|
| Contact resistance (Initial) 接触抵抗 (初期値) | 50mΩ or less (At 10 mA) |
| Maximum voltage 耐電圧 | AC500V RMS (for 1 minute) |
| Insulation resistance 絶縁抵抗 | Min. 1,000MΩ or higher (At DC 500V) |
| Rated current 許容電流値 | 1A |
| Operating temperature range 使用温度 | -65°C ~ +150°C |
| Terminal strength against pulling 端子抜け強度 | 0.5kgf (1 min) |
| Insertion 機械寿命 | Min. 10,000 cycle (Mechanical) |
| MATERIAL / 材質 | |
| Body 本体 | PEI, PES |
| Contact コンタクト | BeCu, Au plating (Ni-base) |

APPLICABLE IC DIMENSIONS & SOCKET DIMENSIONS

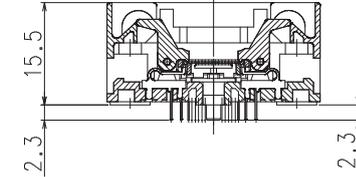
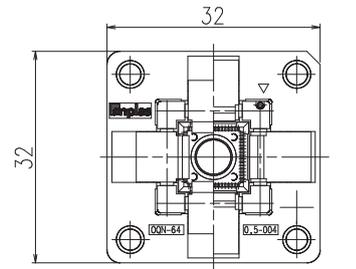


OQN-64SS-0.5-001

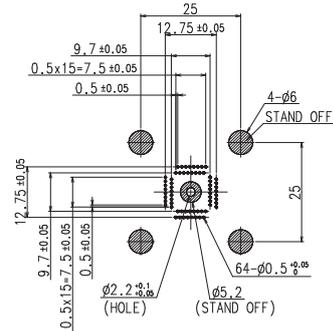


PCB PATTERN (TOP VIEW)

Type SS : Super Shrink type



OQN-64B-0.5-004



PCB PATTERN (TOP VIEW)

Application IC/QFN B/BT TYPE SOCKET

OQN Socket Line up 0.5mm Pitch Series

Unit: mm

| PART NO. | PIN COUNT | Device Outside Dimension | Socket Outside Dimension | Type | REMARKS |
|------------------|-----------|--------------------------|--------------------------|------|---------|
| OQN-32S-0.5-002 | 32 | 5×5 | 25×25 | S | |
| OQN-32GS-0.5-002 | | | | GS | |
| OQN-36S-0.5-002 | 36 | 6×6 | 25×25 | S | |
| OQN-36GS-0.5-002 | | | | GS | |
| OQN-40S-0.5-001 | 40 | 6×6 | 25×25 | S | |
| OQN-40GS-0.5-001 | | | | GS | |
| OQN-48S-0.5-004 | 48 | 7×7 | 25×25 | S | |
| OQN-48GS-0.5-004 | | | | GS | |
| OQN-64B-0.5-004 | 64 | 9×9 | 32×32 | B | |
| OQN-64BT-0.5-004 | | | | BT | |

OQN-SS Socket Line up 0.5mm Pitch Series

Unit: mm

| PART NO. | PIN COUNT | Device Outside Dimension | Socket Outside Dimension | Type | REMARKS |
|------------------|-----------|--------------------------|--------------------------|------|---------|
| OQN-32SS-0.5-001 | 32 | 5×5 | 23×23 | B | |
| OQN-36SS-0.5-001 | 36 | 6×6 | 16×16 | B | |
| OQN-48SS-0.5-001 | 48 | 7×7 | 23×23 | B | |
| OQN-52SS-0.5-001 | 52 | 8×8 | 28×28 | B | |
| OQN-64SS-0.5-001 | 64 | 9×9 | 28×28 | B | |
| OQN-68SS-0.5-001 | 68 | 10×10 | 28×28 | B | |

OQN Socket Line up 0.65mm Pitch Series

Unit: mm

| PART NO. | PIN COUNT | Device Outside Dimension | Socket Outside Dimension | Type | REMARKS |
|-------------------|-----------|--------------------------|--------------------------|------|---------|
| OQN-28SS-0.65-001 | 28 | 6×6 | 25×25 | B | |
| OQN-44B-0.65- * * | 44 | 9×9 | 32×32 | B | |
| OQN-44BT-0.65-02 | | | | BT | |

Type B: Without Ground Pin
 Type BT: With Ground Pin
 Type S: Shrink type without Ground Pin
 Type GS: Shrink type with Ground Pin
 Type SS: Super Shrink type