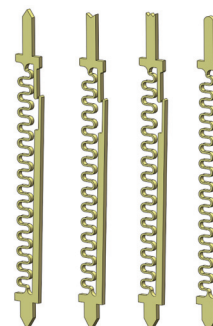


Probe Pin XP3A

Electroplated Probe Pin for High Reliability

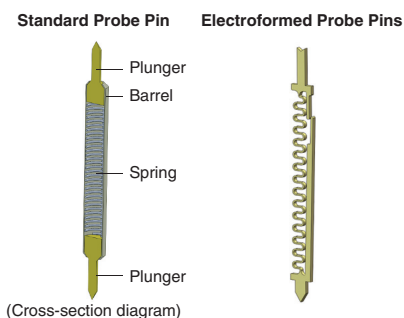
- The Probe Pin is made of only one part.
- The flat structure helps you reduce the pin pitch in comparison with standard probe pins.
- Separating the spring and relay achieves a stable resistance and greater durability.



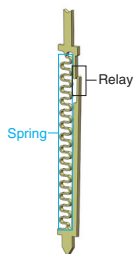
NEW

Features

■ Achieves the functions of four parts with one part

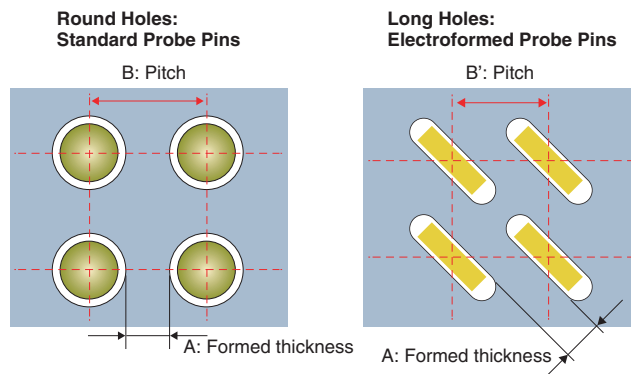


■ Separating the spring and relay achieves a stable resistance and greater durability



■ The electroformed Probe Pins use a flat structure. This allows you to position the pins at any angle.

In comparison with round pins, these flat Probe Pins help you reduce the pin pitch



Round hole pitch B > Long hole pitch B'

Round Hole formed thickness A = Long hole formed thickness A

■ Socket

| Model | XP3A-□□□□-□□□□D-R/S | XP3A-□□□□-□□□□D-S/S | XP3A-□□□□-□□□□D-D/S | XP3A-□□□□-□□□□D-T/S |
|------------|---------------------|---------------------|---------------------|---------------------|
| Appearance | | | | |

■ Ratings and Characteristics

| | |
|-------------------------------|-----------------|
| Rated current (see note) | 0.25 A/pin |
| Contact resistance (see note) | 100 mΩ max./pin |
| Contact force | 15 g min. |
| Ambient operating temperature | - 25 to 85°C |

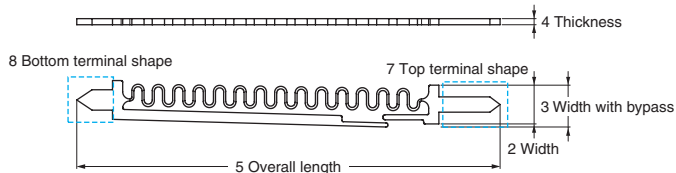
Note: The performance values are doubled for two pins.

■ Materials and Finish

| Item | XP3A |
|----------|----------------------------------|
| Contacts | Nickel alloy/gold plating (1 μm) |

Model Number Legend

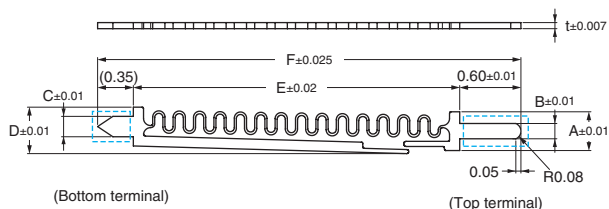
XP3A- - - /
 1 2 3 4 5 6 7 8



| 1 | 2 | | 3 | | 4 | | 5 | | 6 | 7 | | 8 | | |
|--------|-------|---------|-------------------|----------|-----------|---------|----------------|---------|------------|-----------------------|---|-----------------------|---|--|
| Series | Width | | Width with bypass | | Thickness | | Overall Length | | Movability | Top terminal shape | | Bottom terminal shape | | |
| XP3A | 38 | 0.38 mm | 46 | 0.455 mm | 06 | 0.06 mm | 42 | 4.15 mm | D | Both ends are movable | R | | S | |
| | | | | | | | 50 | 4.95 mm | | | | | | |
| | | | | | | | 60 | 5.95 mm | | | | | | |
| | | | | | | | 70 | 6.95 mm | | | | | | |
| | 46 | 0.46 mm | 54 | 0.535 mm | 07 | 0.07 mm | 30 | 2.95 mm | | | | | | |
| | | | | | | | 42 | 4.25 mm | | | | | | |
| | | | | | | | 50 | 5.15 mm | | | | | | |
| | | | | | | | 60 | 6.15 mm | | | | | | |
| | 58 | 0.58 mm | 66 | 0.655 mm | 08 | 0.08 mm | 25 | 2.45 mm | | | D | | | |
| | | | | 30 | | | 3.05 mm | | | | | | | |
| | | | | 42 | | | 4.35 mm | | | | | | | |
| | | | | 50 | | | 5.15 mm | | | | | | | |
| | 75 | 0.75 mm | 83 | 0.826 mm | 08 | 0.08 mm | 25 | 2.45 mm | | | T | | | |
| | | | | 0.828 mm | | | 30 | 2.95 mm | | | | | | |
| | | | | 0.827 mm | | | 42 | 4.35 mm | | | | | | |
| | | | | 0.826 mm | | | 50 | 5.15 mm | | | | | | |
| | | | | 0.825 mm | | | 60 | 6.15 mm | | | | | | |
| | 90 | 0.9 mm | 98 | 0.976 mm | 08 | 0.08 mm | 25 | 2.45 mm | | | T | | | |
| | | | | 0.975 mm | | | 30 | 2.95 mm | | | | | | |
| | | | | | | | 42 | 4.35 mm | | | | | | |
| | | | | | | | 50 | 5.15 mm | | | | | | |
| | | | | | | | 60 | 6.15 mm | | | | | | |
| | | | | | | | 70 | 7.15 mm | | | | | | |

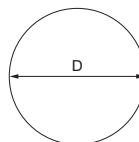
XP3A - Top Terminal, R Shape

Dimensions

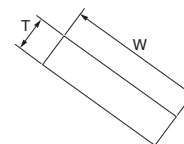


Mounting Hole Dimensions

Round holes



Slits

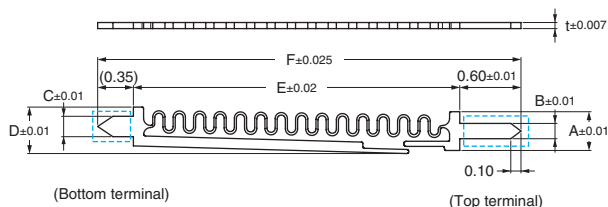


Ordering Information - Standard Models

| Probe Pins | | | | | | | | | | | Recommended Mounting Hole Dimensions | | Model | | |
|-------------|-------|-----------|----------------------------|---------------------|---------------|---------------------|----------------------|----------------|---------------|---------------|--------------------------------------|---------------------|---------------------|------------|---------------------|
| Pitch | | Load | Recom- mended Stroke | Overall Length | Spring Length | Width | Width with bypass | Thick- ness | Lower Contact | Upper Contact | Round Holes | Slits | | | |
| Round Holes | Slits | | | F | E | A | D | t | C | B | (Tolerance: ± 0.01) | (Tolerance: ± 0.01) | | | |
| 0.5 | 0.4 | 15 g min. | 0.3 | 4.15 | 3.2 | 0.38 | 0.455 | 0.06 | 0.2 | 0.15 | 0.4 dia. | 0.1 x 0.4 | XP3A-3846-0642D-R/S | | |
| | | | 0.4 | 4.95 | 4.0 | | | | | | | | XP3A-3846-0650D-R/S | | |
| | | | 0.5 | 5.95 | 5.0 | | | | | | | | XP3A-3846-0660D-R/S | | |
| | | | 0.5 | 6.95 | 6.0 | | | | | | | | XP3A-3846-0670D-R/S | | |
| 0.65 | 0.5 | | 0.3 | 2.95 | 2.0 | 0.46 | 0.535 | 0.07 | | | 0.2 | 0.15 | 0.48 dia. | 0.1 x 0.48 | XP3A-4654-0730D-R/S |
| | | | 0.4 | 4.25 | 3.2 | | | | | | | | | | XP3A-4654-0742D-R/S |
| | | | 0.5 | 5.15 | 4.0 | | | | | | | | | | XP3A-4654-0750D-R/S |
| | | | 0.5 | 6.15 | 5.0 | | | | | | | | | | XP3A-4654-0760D-R/S |
| 0.8 | 0.7 | | 0.5 | 7.15 | 6.0 | 0.58 | 0.655 | 0.08 | | 0.2 | | 0.6 dia. | 0.1 x 0.6 | 0.1 x 0.6 | XP3A-4654-0770D-R/S |
| | | | 0.3 | 2.45 | 1.5 | | | | | | | | | | XP3A-5866-0725D-R/S |
| | | | 0.4 | 3.05 | 2.0 | | XP3A-5866-0730D-R/S | | | | | | | | |
| | | | 0.5 | 4.35 | 3.2 | | XP3A-5866-0742D-R/S | | | | | | | | |
| 1.0 | 0.8 | | 0.5 | 5.15 | 4.0 | 0.75 | 0.665 | 0.08 | | | 0.2 | 0.77 dia. | 0.1 x 0.77 | 0.1 x 0.77 | XP3A-5866-0750D-R/S |
| | | | 0.5 | 6.15 | 5.0 | | XP3A-5866-0760D-R/S | | | | | | | | |
| | | | 0.5 | 7.15 | 6.0 | | XP3A-5866-0770D-R/S | | | | | | | | |
| | | | 0.3 | 2.45 | 1.5 | | 0.826 | | | | | | | | XP3A-7583-0825D-R/S |
| | | 0.4 | 2.95 | 2.0 | 0.828 | | XP3A-7583-0830D-R/S | | | | | | | | |
| | | 0.5 | 4.35 | 3.2 | 0.827 | | XP3A-7583-0842D-R/S | | | | | | | | |
| 1.2 | 1.0 | 0.5 | 5.15 | 4.0 | 0.9 | 0.826 | 0.08 | 0.2 | 0.92 dia. | 0.1 x 0.92 | 0.1 x 0.92 | XP3A-7583-0850D-R/S | | | |
| | | 0.5 | 6.15 | 5.0 | | XP3A-7583-0860D-R/S | | | | | | | | | |
| | | 0.5 | 7.15 | 6.0 | | 0.825 | | | | | | XP3A-7583-0870D-R/S | | | |
| | | 0.3 | 2.45 | 1.5 | | 0.976 | | | | | | XP3A-9098-0825D-R/S | | | |
| | | 0.4 | 2.95 | 2.0 | | 0.976 | | | | | | XP3A-9098-0830D-R/S | | | |
| | | 0.5 | 4.35 | 3.2 | | 0.975 | | | | | | XP3A-9098-0842D-R/S | | | |
| 0.5 | 5.15 | 4.0 | 0.975 | XP3A-9098-0850D-R/S | | | | | | | | | | | |
| 0.5 | 6.15 | 5.0 | 0.975 | XP3A-9098-0860D-R/S | | | | | | | | | | | |
| 0.5 | 7.15 | 6.0 | 0.975 | XP3A-9098-0870D-R/S | | | | | | | | | | | |

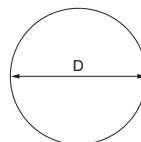
XP3A - Top Terminal, S Shape

Dimensions

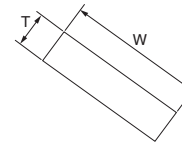


Mounting Hole Dimensions

Round holes



Slits

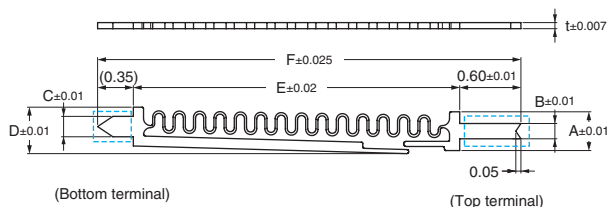


Ordering Information - Standard Models

| Probe Pins | | | | | | | | | | Recommended Mounting Hole Dimensions | | Model | | | |
|-------------|-------|-----------|--------------------|----------------|---------------------|-------|-------------------|-----------|---------------|--------------------------------------|---------------------|---------------------|---------------------|------------|---------------------|
| Pitch | | Load | Recommended Stroke | Overall Length | Spring Length | Width | Width with bypass | Thickness | Lower Contact | Upper Contact | Round Holes | | Slits | | |
| Round Holes | Slits | | | F | E | A | D | t | C | B | (Tolerance: ± 0.01) | | (Tolerance: ± 0.01) | | |
| 0.5 | 0.4 | 15 g min. | 0.3 | 4.15 | 3.2 | 0.38 | 0.455 | 0.06 | 0.2 | 0.15 | 0.4 dia. | 0.1 x 0.4 | XP3A-3846-0642D-S/S | | |
| | | | 0.4 | 4.95 | 4.0 | | | | | | | | XP3A-3846-0650D-S/S | | |
| | | | 0.5 | 5.95 | 5.0 | | | | | | | | XP3A-3846-0660D-S/S | | |
| | | | 0.5 | 6.95 | 6.0 | | | | | | | | XP3A-3846-0670D-S/S | | |
| 0.65 | 0.5 | | 0.3 | 2.95 | 2.0 | 0.46 | 0.535 | 0.07 | | | 0.2 | 0.15 | 0.48 dia. | 0.1 x 0.48 | XP3A-4654-0730D-S/S |
| | | | 0.4 | 4.25 | 3.2 | | | | | | | | | | XP3A-4654-0742D-S/S |
| | | | 0.5 | 5.15 | 4.0 | | | | | | | | | | XP3A-4654-0750D-S/S |
| | | | 0.5 | 6.15 | 5.0 | | | | | | | | | | XP3A-4654-0760D-S/S |
| | | | 0.5 | 7.15 | 6.0 | | | | | | | | | | XP3A-4654-0770D-S/S |
| 0.8 | 0.7 | | 0.3 | 2.45 | 1.5 | 0.58 | 0.655 | 0.08 | | | 0.2 | 0.15 | 0.6 dia. | 0.1 x 0.6 | XP3A-5866-0725D-S/S |
| | | | 0.4 | 3.05 | 2.0 | | | | | | | | | | XP3A-5866-0730D-S/S |
| | | | 0.5 | 4.35 | 3.2 | | 0.665 | | | | | | | | XP3A-5866-0742D-S/S |
| | | 0.5 | 5.15 | 4.0 | XP3A-5866-0750D-S/S | | | | | | | | | | |
| | | 0.5 | 6.15 | 5.0 | XP3A-5866-0760D-S/S | | | | | | | | | | |
| | | 0.5 | 7.15 | 6.0 | XP3A-5866-0770D-S/S | | | | | | | | | | |
| 1.0 | 0.8 | 0.3 | 2.45 | 1.5 | 0.75 | 0.826 | 0.08 | 0.2 | 0.15 | 0.77 dia. | 0.1 x 0.77 | XP3A-7583-0825D-S/S | | | |
| | | 0.4 | 2.95 | 2.0 | | 0.828 | | | | | | XP3A-7583-0830D-S/S | | | |
| | | 0.5 | 4.35 | 3.2 | | 0.827 | | | | | | XP3A-7583-0842D-S/S | | | |
| | | 0.5 | 5.15 | 4.0 | | 0.826 | | | | | | XP3A-7583-0850D-S/S | | | |
| | | 0.5 | 6.15 | 5.0 | | 0.826 | | | | | | XP3A-7583-0860D-S/S | | | |
| | | 0.5 | 7.15 | 6.0 | | 0.825 | | | | | | XP3A-7583-0870D-S/S | | | |
| 1.2 | 1.0 | 0.3 | 2.45 | 1.5 | 0.9 | 0.976 | 0.08 | 0.2 | 0.15 | 0.92 dia. | 0.1 x 0.92 | XP3A-9098-0825D-S/S | | | |
| | | 0.4 | 2.95 | 2.0 | | | | | | | | XP3A-9098-0830D-S/S | | | |
| | | 0.5 | 4.35 | 3.2 | | 0.975 | | | | | | XP3A-9098-0842D-S/S | | | |
| | | 0.5 | 5.15 | 4.0 | | | | | | | | XP3A-9098-0850D-S/S | | | |
| | | 0.5 | 6.15 | 5.0 | | | | | | | | XP3A-9098-0860D-S/S | | | |
| | | 0.5 | 7.15 | 6.0 | | | | | | | | XP3A-9098-0870D-S/S | | | |

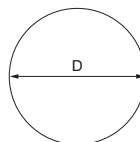
XP3A - Top Terminal, D Shape

Dimensions

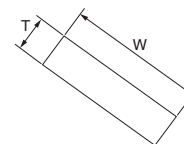


Mounting Hole Dimensions

Round holes



Slits

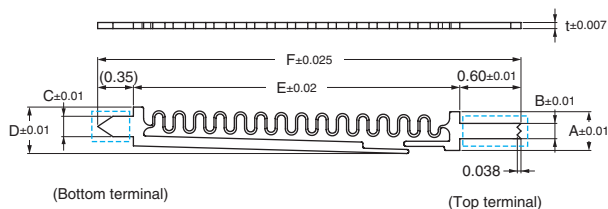


Ordering Information - Standard Models

| Probe Pins | | | | | | | | | | | Recommended Mounting Hole Dimensions | | Model | | |
|-------------|-------|-----------|----------------------------|----------------|---------------------|-------|----------------------|----------------|---------------|---------------|--------------------------------------|------------------------------|---------------------|------------|---------------------|
| Pitch | | Load | Recom- mended Stroke | Overall Length | Spring Length | Width | Width with bypass | Thick- ness | Lower Contact | Upper Contact | Round Holes | Slits | | | |
| Round Holes | Slits | | | F | E | A | D | t | C | B | (Tolerance: ± 0.01) | T x W (Tolerance: ± 0.01) | | | |
| 0.5 | 0.4 | 15 g min. | 0.3 | 4.15 | 3.2 | 0.38 | 0.455 | 0.06 | 0.2 | 0.15 | 0.4 dia. | 0.1 x 0.4 | XP3A-3846-0642D-D/S | | |
| | | | 0.4 | 4.95 | 4.0 | | | | | | | | XP3A-3846-0650D-D/S | | |
| | | | 0.5 | 5.95 | 5.0 | | | | | | | | XP3A-3846-0660D-D/S | | |
| | | | 0.5 | 6.95 | 6.0 | | | | | | | | XP3A-3846-0670D-D/S | | |
| 0.65 | 0.5 | | 0.3 | 2.95 | 2.0 | 0.46 | 0.535 | 0.07 | | | 0.2 | 0.15 | 0.48 dia. | 0.1 x 0.48 | XP3A-4654-0730D-D/S |
| | | | 0.4 | 4.25 | 3.2 | | | | | | | | | | XP3A-4654-0742D-D/S |
| | | | 0.5 | 5.15 | 4.0 | | | | | | | | | | XP3A-4654-0750D-D/S |
| | | | 0.5 | 6.15 | 5.0 | | | | | | | | | | XP3A-4654-0760D-D/S |
| | | | 0.5 | 7.15 | 6.0 | | | | | | | | | | XP3A-4654-0770D-D/S |
| 0.8 | 0.7 | | 0.3 | 2.45 | 1.5 | 0.58 | 0.655 | 0.08 | | | 0.2 | 0.2 | 0.6 dia. | 0.1 x 0.6 | XP3A-5866-0725D-D/S |
| | | | 0.4 | 3.05 | 2.0 | | | | | | | | | | XP3A-5866-0730D-D/S |
| | | | 0.5 | 4.35 | 3.2 | | | | | | | | | | XP3A-5866-0742D-D/S |
| | | 0.5 | 5.15 | 4.0 | XP3A-5866-0750D-D/S | | | | | | | | | | |
| | | 0.5 | 6.15 | 5.0 | XP3A-5866-0760D-D/S | | | | | | | | | | |
| | | 0.5 | 7.15 | 6.0 | XP3A-5866-0770D-D/S | | | | | | | | | | |
| 1.0 | 0.8 | 0.3 | 2.45 | 1.5 | 0.75 | 0.826 | 0.08 | 0.2 | 0.2 | 0.77 dia. | 0.1 x 0.77 | XP3A-7583-0825D-D/S | | | |
| | | 0.4 | 2.95 | 2.0 | | 0.828 | | | | | | XP3A-7583-0830D-D/S | | | |
| | | 0.5 | 4.35 | 3.2 | | 0.827 | | | | | | XP3A-7583-0842D-D/S | | | |
| | | 0.5 | 5.15 | 4.0 | | 0.826 | | | | | | XP3A-7583-0850D-D/S | | | |
| | | 0.5 | 6.15 | 5.0 | | 0.826 | | | | | | XP3A-7583-0860D-D/S | | | |
| | | 0.5 | 7.15 | 6.0 | | 0.825 | | | | | | XP3A-7583-0870D-D/S | | | |
| | | 0.5 | 7.15 | 6.0 | | 0.825 | | | | | | XP3A-7583-0870D-D/S | | | |
| 1.2 | 1.0 | 0.3 | 2.45 | 1.5 | 0.9 | 0.976 | 0.08 | 0.2 | 0.2 | 0.92 dia. | 0.1 x 0.92 | XP3A-9098-0825D-D/S | | | |
| | | 0.4 | 2.95 | 2.0 | | | | | | | | XP3A-9098-0830D-D/S | | | |
| | | 0.5 | 4.35 | 3.2 | | 0.975 | | | | | | XP3A-9098-0842D-D/S | | | |
| | | 0.5 | 5.15 | 4.0 | | | | | | | | XP3A-9098-0850D-D/S | | | |
| | | 0.5 | 6.15 | 5.0 | | | | | | | | XP3A-9098-0860D-D/S | | | |
| | | 0.5 | 7.15 | 6.0 | | | | | | | | XP3A-9098-0870D-D/S | | | |

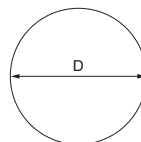
XP3A - Top Terminal, T Shape

Dimensions

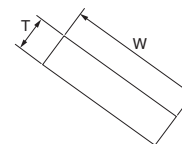


Mounting Hole Dimensions

Round holes



Slits



Ordering Information - Standard Models

| Probe Pins | | | | | | | | | | Recommended Mounting Hole Dimensions | | Model | | | |
|-------------|-------|-----------|--------------------|----------------|---------------------|-------|-------------------|-----------|---------------|--------------------------------------|------------------------------------|---------------------|---------------------------------------|------------|---------------------|
| Pitch | | Load | Recommended Stroke | Overall Length | Spring Length | Width | Width with bypass | Thickness | Lower Contact | Upper Contact | Round Holes (Tolerance: ± 0.01) | | Slits T x W (Tolerance: ± 0.01) | | |
| Round Holes | Slits | | | F | E | A | D | t | C | B | | | | | |
| 0.5 | 0.4 | 15 g min. | 0.3 | 4.15 | 3.2 | 0.38 | 0.455 | 0.06 | 0.2 | 0.15 | 0.4 dia. | 0.1 x 0.4 | XP3A-3846-0642D-T/S | | |
| | | | 0.4 | 4.95 | 4.0 | | | | | | | | XP3A-3846-0650D-T/S | | |
| | | | 0.5 | 5.95 | 5.0 | | | | | | | | XP3A-3846-0660D-T/S | | |
| | | | 0.5 | 6.95 | 6.0 | | | | | | | | XP3A-3846-0670D-T/S | | |
| 0.65 | 0.5 | | 0.3 | 2.95 | 2.0 | 0.46 | 0.535 | 0.07 | | | 0.2 | 0.15 | 0.48 dia. | 0.1 x 0.48 | XP3A-4654-0730D-T/S |
| | | | 0.4 | 4.25 | 3.2 | | | | | | | | | | XP3A-4654-0742D-T/S |
| | | | 0.5 | 5.15 | 4.0 | | | | | | | | | | XP3A-4654-0750D-T/S |
| | | | 0.5 | 6.15 | 5.0 | | | | | | | | | | XP3A-4654-0760D-T/S |
| | | | 0.5 | 7.15 | 6.0 | | | | | | | | | | XP3A-4654-0770D-T/S |
| 0.8 | 0.7 | | 0.3 | 2.45 | 1.5 | 0.58 | 0.655 | 0.08 | | | 0.2 | 0.15 | 0.6 dia. | 0.1 x 0.6 | XP3A-5866-0725D-T/S |
| | | | 0.4 | 3.05 | 2.0 | | | | | | | | | | XP3A-5866-0730D-T/S |
| | | | 0.5 | 4.35 | 3.2 | | | | | | | | | | XP3A-5866-0742D-T/S |
| | | 0.5 | 5.15 | 4.0 | XP3A-5866-0750D-T/S | | | | | | | | | | |
| | | 0.5 | 6.15 | 5.0 | XP3A-5866-0760D-T/S | | | | | | | | | | |
| | | 0.5 | 7.15 | 6.0 | XP3A-5866-0770D-T/S | | | | | | | | | | |
| 1.0 | 0.8 | 0.3 | 2.45 | 1.5 | 0.75 | 0.826 | 0.08 | 0.2 | 0.15 | 0.77 dia. | 0.1 x 0.77 | XP3A-7583-0825D-T/S | | | |
| | | 0.4 | 2.95 | 2.0 | | 0.828 | | | | | | XP3A-7583-0830D-T/S | | | |
| | | 0.5 | 4.35 | 3.2 | | 0.827 | | | | | | XP3A-7583-0842D-T/S | | | |
| | | 0.5 | 5.15 | 4.0 | | 0.826 | | | | | | XP3A-7583-0850D-T/S | | | |
| | | 0.5 | 6.15 | 5.0 | | 0.826 | | | | | | XP3A-7583-0860D-T/S | | | |
| | | 0.5 | 7.15 | 6.0 | | 0.825 | | | | | | XP3A-7583-0870D-T/S | | | |
| 1.2 | 1.0 | 0.3 | 2.45 | 1.5 | 0.9 | 0.976 | 0.08 | 0.2 | 0.15 | 0.92 dia. | 0.1 x 0.92 | XP3A-9098-0825D-T/S | | | |
| | | 0.4 | 2.95 | 2.0 | | | | | | | | XP3A-9098-0830D-T/S | | | |
| | | 0.5 | 4.35 | 3.2 | | 0.975 | | | | | | XP3A-9098-0842D-T/S | | | |
| | | 0.5 | 5.15 | 4.0 | | | | | | | | XP3A-9098-0850D-T/S | | | |
| | | 0.5 | 6.15 | 5.0 | | | | | | | | XP3A-9098-0860D-T/S | | | |
| | | 0.5 | 7.15 | 6.0 | | | | | | | | XP3A-9098-0870D-T/S | | | |

Precautions

■ Correct Use

General Environmental Conditions

Use the Probe Pins at an ambient operating temperature of -25 to 85°C and a humidity of 30%.

Use the Probe Pins in an ambient atmosphere that does not contain dust, dirt, corrosive gas or oil so that the Probe Pins do not become contaminated.

Stroke Conditions

Apply a load to the Probe Pins only in the axial direction. Never apply a lateral load.

The life of the Probe Pins will be drastically reduced if the recommended stroke is exceeded.

Current Application Conditions.

Apply a current when the Probe Pins are stationary after they have come into contact with the target at the recommended stroke position.

If a current is applied during the stroke, at a position other than the recommended stroke, or when the Probe Pins are not in contact with the target, the life of the Probe Pins will be drastically reduced.

The catalog value of the carrying capacity may not be met due to Probe Pin deterioration or other factors. Allow sufficient leeway when you design the actual application.

Voltage Application Conditions

Apply a voltage when the Probe Pins are stationary after they have come into contact with the target at the recommended stroke position.

Do not apply a voltage when the Probe Pins are not in contact with the target. The Probe Pins will be damaged due to discharge immediately before they come into contact.

When a high voltage is applied to the contact probe, strictly observe the current and voltage application conditions. Also, take measures to prevent discharge or other large instantaneous current.

Carrying Capacity

The rated current that is given in the catalogs is the maximum continuous current for 1 minute under the above conditions (general environment, stroke, current application and voltage application).

Resistance

If a large current is applied, the resistance may increase due to deterioration of the contacts and internal components.

As the number of strokes increases, the resistance may increase due to deterioration of the contacts and internal components.

Durability

The durability specification that is given in the catalog is a guideline for the number of times that the Probe Pins can be used without problems at 10 mA.

Depending on the operating environment and conditions, the Probe Pins may need to be replaced sooner than given in the specifications due to increased resistance, reduced contact force or other factors. Replace the Probe Pins as required by the actual application.

Contact Force

The contact force of the Probe Pins will be reduced at a temperature of 85°C or higher.

If the current is increased, heat generated by the Probe Pins will reduce the contact force.

Recommended Mounting Hold Dimensions

The dimensions are reference values. Actual values will depend on the material and thickness of the resin plate.

All sales are subject to Omron Electronic Components LLC standard terms and conditions of sale, which can be found at http://www.components.omron.com/components/web/webfiles.nsf/sales_terms.html

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS.
To convert millimeters into inches, multiply by 0.03937. To convert grams into ounces, multiply by 0.03527.

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