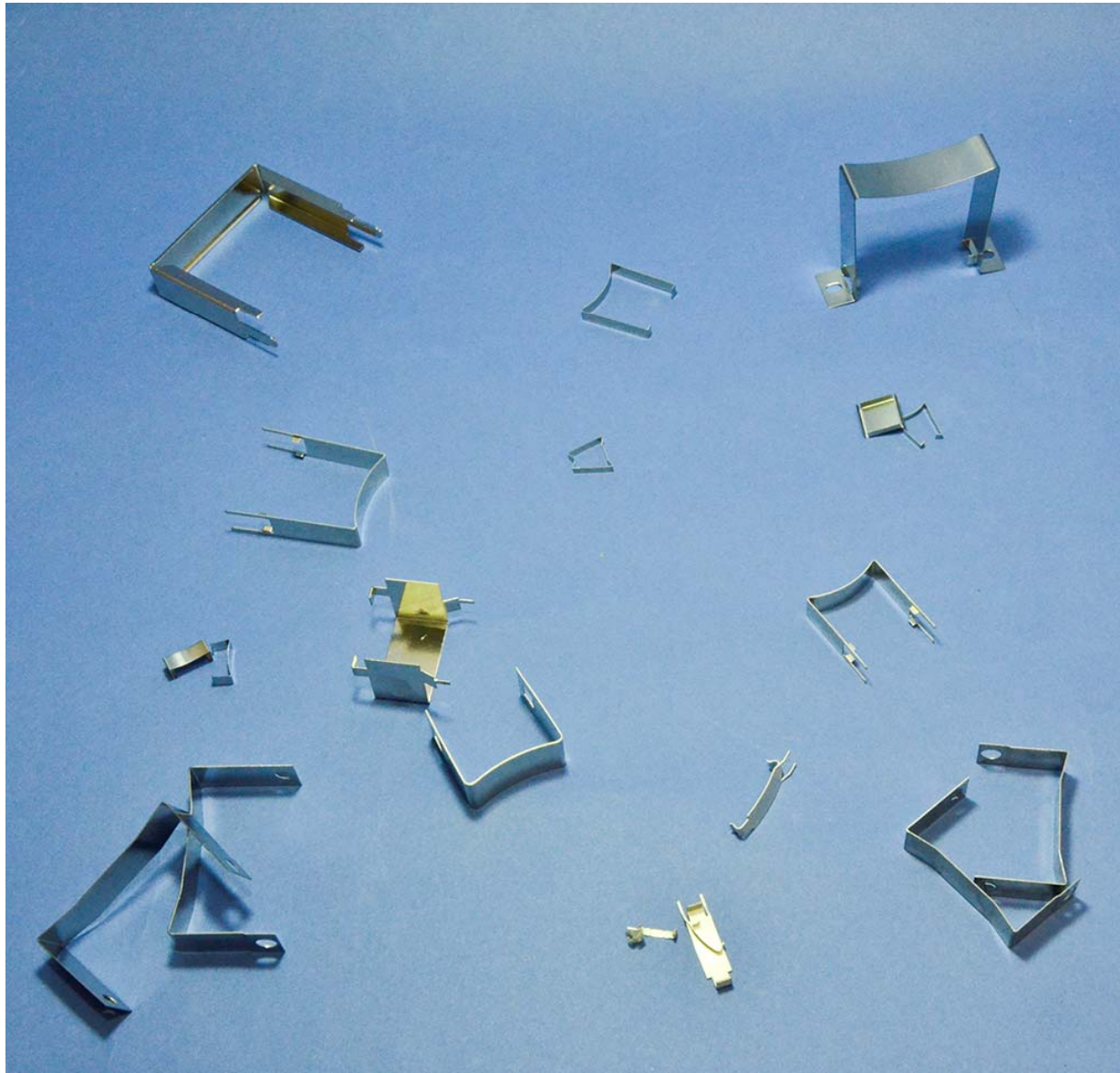




# MH&W International Corp

# Mounting Hardware For Ferrite Cores

## Mounting Hardware Made In Japan



April 1, 2010 -TDK-EPC (magnetic group of TDK Corporation) announced the intention to discontinue the manufacture of all TDK Proprietary bobbins and mounting hardware supplied by MH&W International Corp. The bobbins and mounting hardware produced by Epcos Corp were not affected and in many cases MH&W offers Epcos bobbins and mounting hardware as the alternative product.

MH&W International continued to support the product for a period of 12 months from the announcement date above by giving our customers a last time buy and allowing the delivery of the product to be scheduled. TDK Corp agreed to allow MH&W International a last time buy on all active products

Recently, MH&W entered into a partnership with a Japanese company to act as our agent in Japan to locate bobbins and hardware and handle all negotiations as well as export control. We can now announce that with our partnership, MH&W has access to most of the original TDK tooling. We have identified the tooling that will be available for production. MH&W has obtained pricing and has started receiving the initial orders for the bobbins.

Below is the catalog of Mounting Hardware that MH&W has access to. This hardware is all hardware that is manufactured in accordance with the original TDK specifications.

All hardware is certified to meet the requirements of RoHS.

Included in this catalog is the list of materials for the hardware.

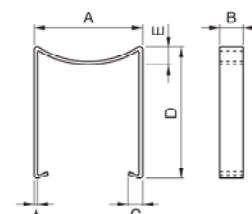
## Content

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## EPC Core Accessories



| Part No.   | Dimensions in |             | C           | D             | E            | t            | Material        |
|------------|---------------|-------------|-------------|---------------|--------------|--------------|-----------------|
|            | A             | B           |             |               |              |              |                 |
| FEPC-10-A  | 10.8<br>.425  | 2.8<br>.110 | 1.5<br>.059 | 8.0<br>.315   | 0.8<br>.031  | 0.2<br>.008  | Stainless steel |
| FEPC-13-A  | 13.7<br>.541  | 2.8<br>.110 | 2.9<br>.114 | 14.75<br>.581 | 2.65<br>.104 | 0.25<br>.010 | Stainless steel |
| FEPC-17-A  | 18.1<br>.713  | 3.8<br>.150 | 2.9<br>.114 | 19.1<br>.752  | 3.0<br>.118  | 0.3<br>.012  | Stainless steel |
| FEPC-19-A  | 19.9<br>.783  | 3.8<br>.150 | 2.9<br>.114 | 21.5<br>.846  | 3.0<br>.118  | 0.3<br>.012  | Stainless steel |
| FEPC-25-A  | 26.0<br>1.024 | 5.6<br>.220 | 2.9<br>.114 | 27.0<br>1.063 | 3.0<br>.118  | 0.3<br>.012  | Stainless steel |
| FEPC-25B-A | 26.0<br>1.024 | 5.0<br>.197 | 2.9<br>.114 | 24.5<br>.965  | 3.0<br>.118  | 0.3<br>.012  | Stainless steel |
| FEPC-27-A  | 28.0<br>1.102 | 5.6<br>.220 | 2.9<br>.114 | 34.0<br>1.339 | 3.0<br>.118  | 0.3<br>.012  | Stainless steel |
| FEPC-30-A  | 31.0<br>1.220 | 5.6<br>.220 | 2.9<br>.114 | 37.0<br>1.457 | 3.0<br>.118  | 0.3<br>.012  | Stainless steel |



Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Stainless Steel

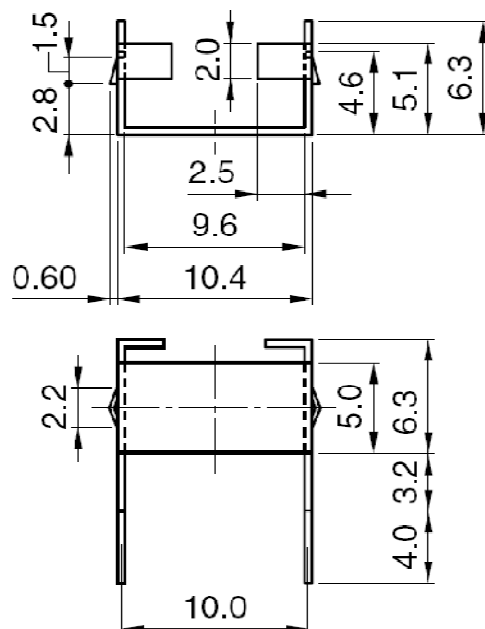
Finish: No Plating

Part Number: See Above

# EP Core Accessories EP07

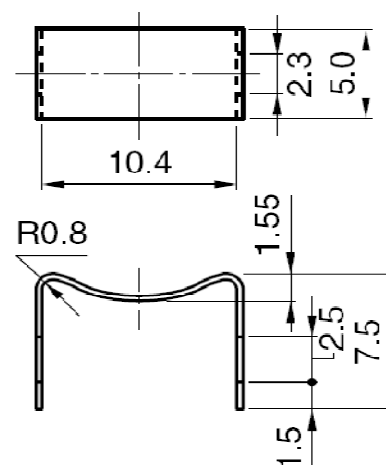


## YOKE



Material thickness=0.4  
Dimensions in mm

## SPRING



Material thickness=0.32  
Dimensions in mm

Country of Origin: Japan

**MH&W International Corp**

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Spring - Stainless Steel

RoHS Certified: YES

Material: Yoke - Nickel Silver

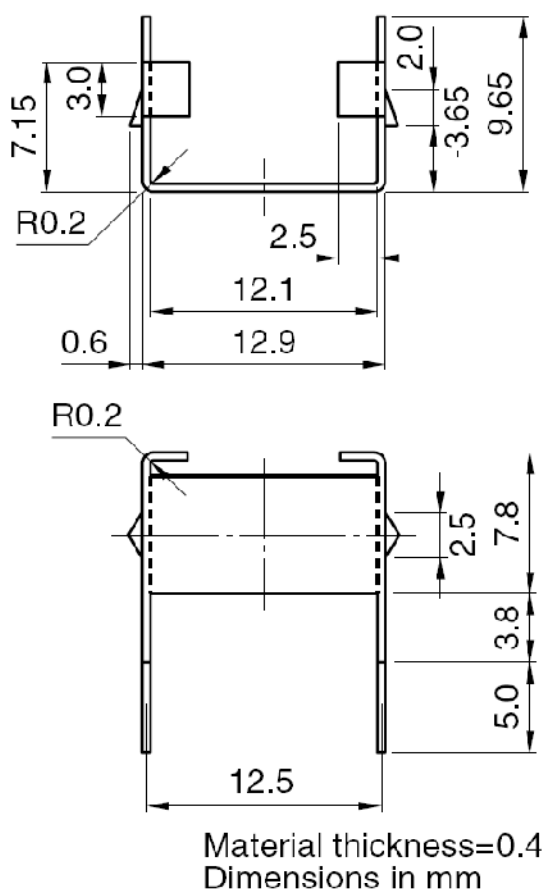
Finish: No Plating

Part Number: FEP07-C

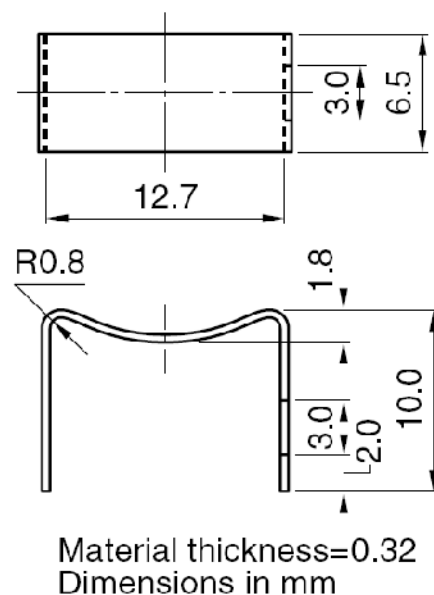
# EP Core Accessories EP10



## YOKE



## SPRING



Country of Origin: Japan

**MH&W International Corp**

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Spring - Stainless Steel

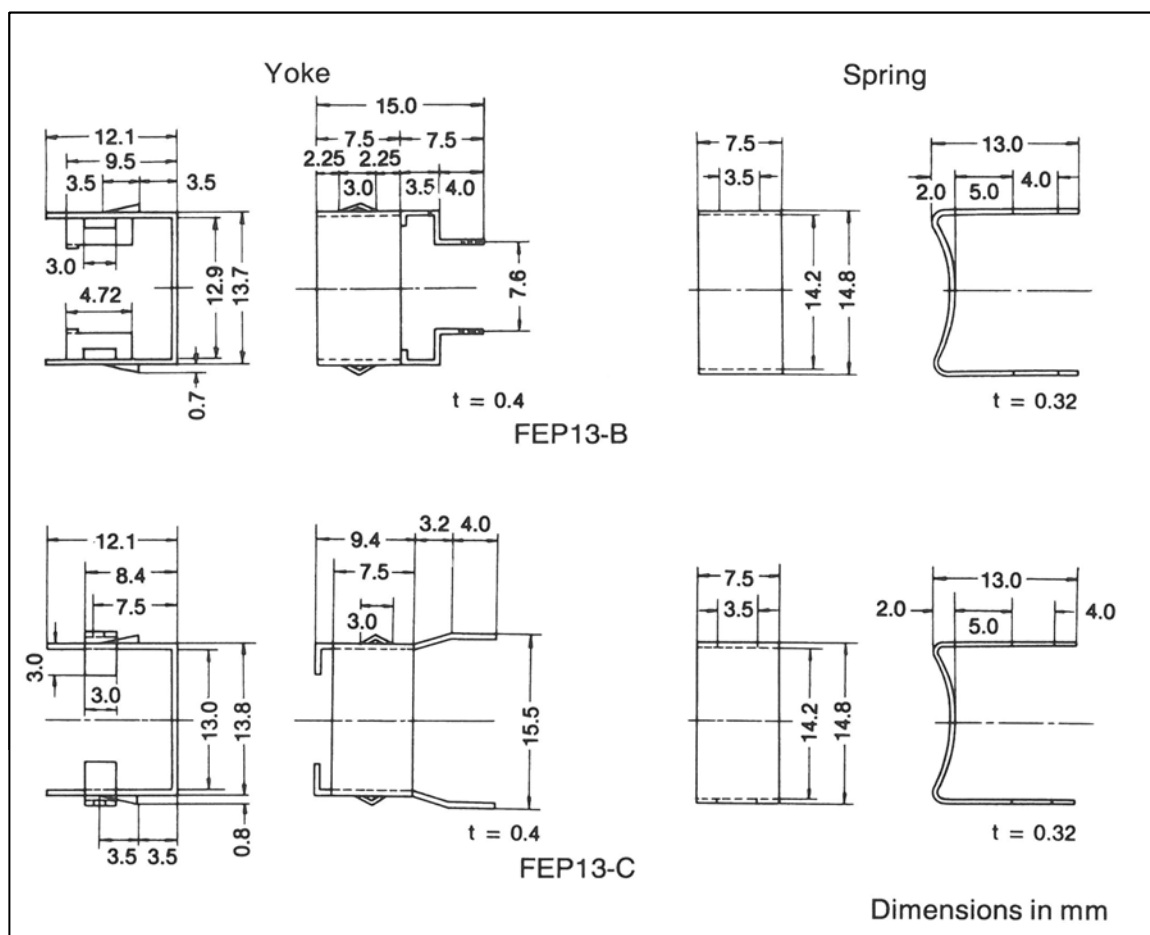
RoHS Certified: YES

Material: Yoke - Nickel Silver

Finish: No Plating

Part Number: FEP10-C

## EP Core Accessories EP13



FEP13-B: Use with BEP13-318D

FEP13-C: Use with BEP13-3110D

Country of Origin: Japan

Material: Spring - Stainless Steel

RoHS Certified: YES

MH&W International Corp

Material: Yoke - Nickel Silver

Finish: No Plating

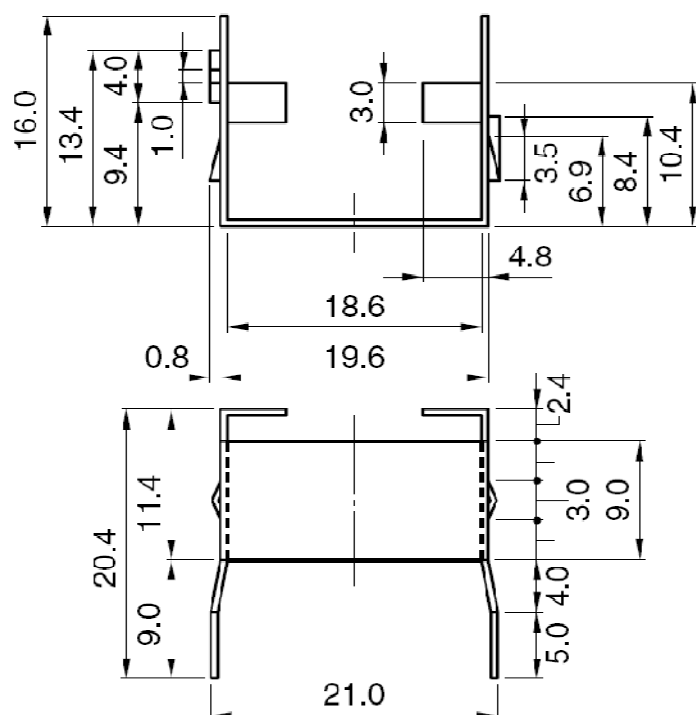
Phone 201-891-8800 Email: sales@mhw-intl.com

Part Number: FEP13-B FEP13-C

# EP Core Accessories EP17

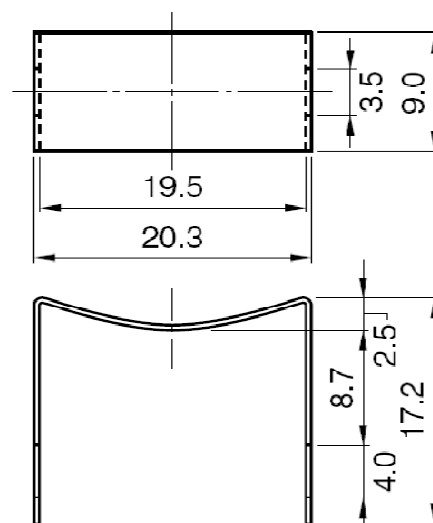


## YOKE



Material thickness=0.4  
Dimensions in mm

## SPRING



Material thickness=0.4  
Dimensions in mm

Country of Origin: Japan

Material: Spring - Stainless Steel

RoHS Certified: YES

MH&W International Corp

Material: Yoke - Nickel Silver

Finish: No Plating

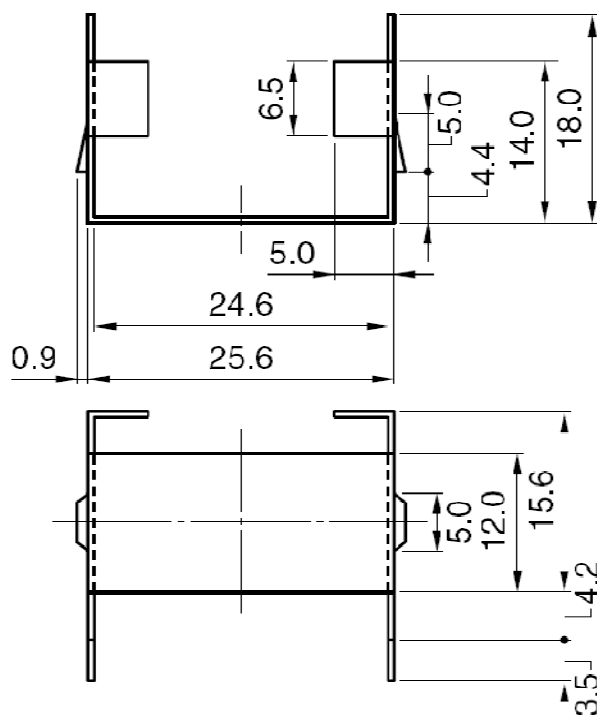
Phone 201-891-8800 Email: sales@mhw-intl.com

Part Number: FEP17-C

# EP Core Accessories EP20

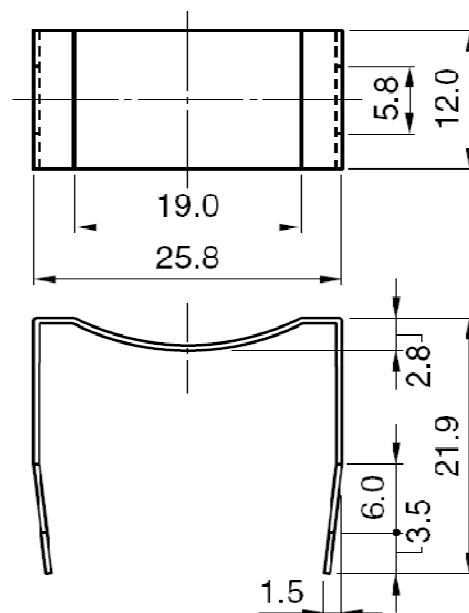


## YOKE



Material thickness=0.4  
Dimensions in mm

## SPRING



Material thickness=0.4  
Dimensions in mm

Country of Origin: Japan

**MH&W International Corp**

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Spring - Stainless Steel

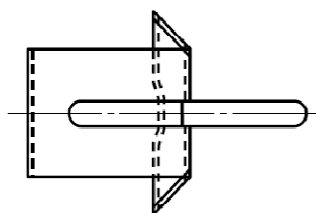
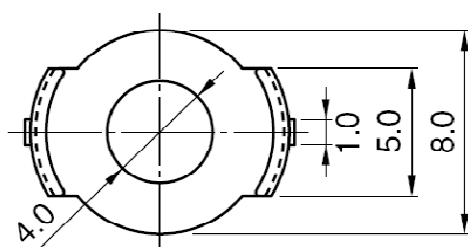
RoHS Certified: YES

Material: Yoke - Nickel Silver

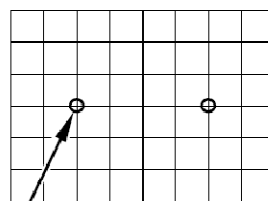
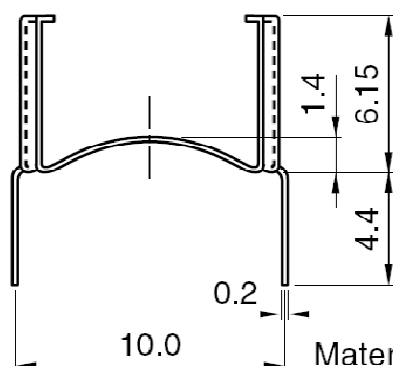
Finish: No Plating

Part Number: FEP20-C

# Pot Core Accessories P09/05



## CONNECTING PIN PATTERNS



Pin terminal  
(2.5mm grids)

Material thickness=0.2      Dimensions in mm

Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

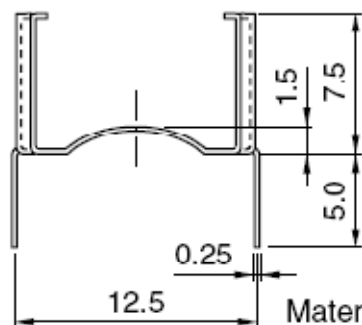
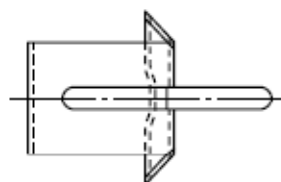
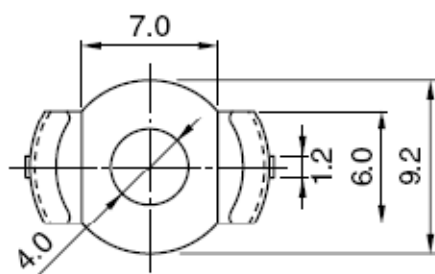
Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Phosphor Bronze

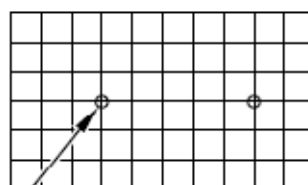
Finish: CuSn (~2%Cu)

Part Number: FP 09/05-6BFR ROHS

# Pot Core Accessories P11/07



## CONNECTING PIN PATTERNS



Pin terminal  
(2.5mm grids)

Material thickness=0.25

Dimensions in mm

Country of Origin: Japan

RoHS Certified: YES

**MH&W International Corp**

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Phosphor Bronze

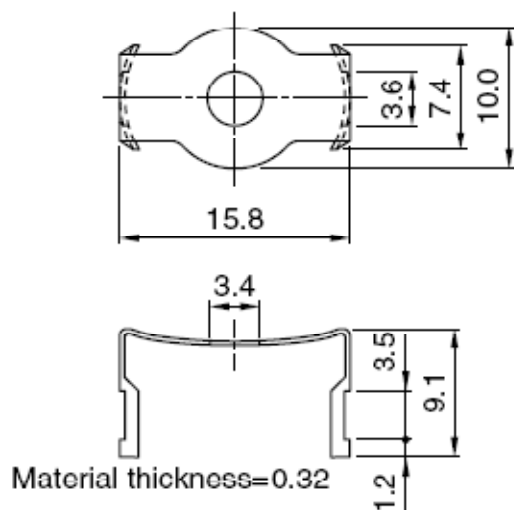
Finish: CuSn (~2%Cu)

Part Number: FP 11/07-6BFR ROHS

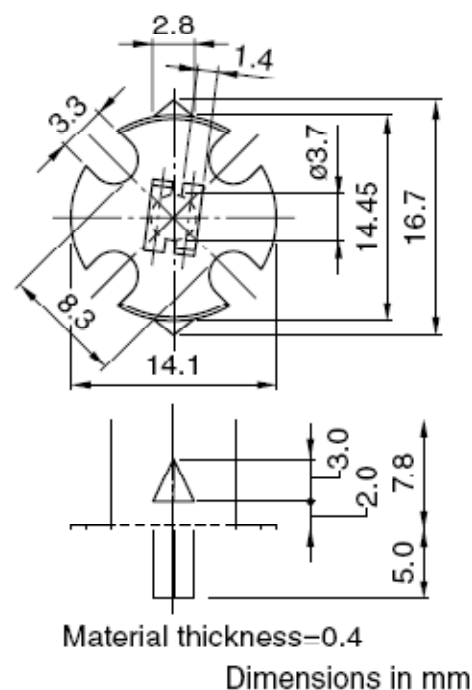
# Pot Core Accessories P14/08



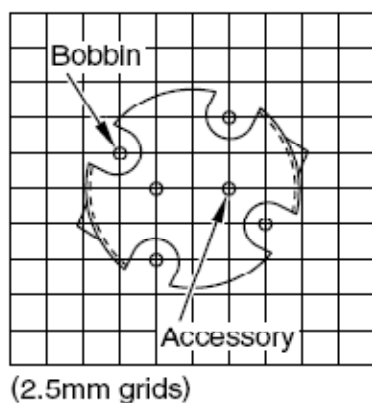
## SPRING



## YOKE



## CONNECTING PIN PATTERNS(Bottom view)



Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Nickel Silver

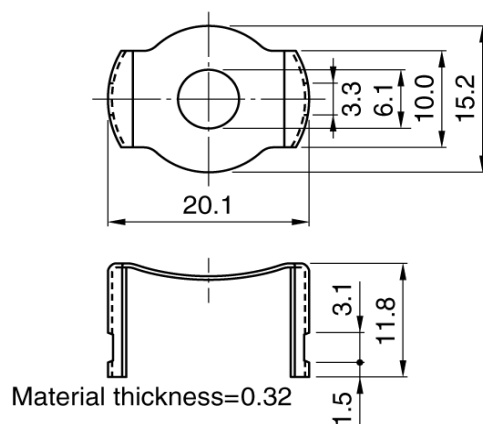
Finish: No Plating

Part Number: FP 14/08-6C

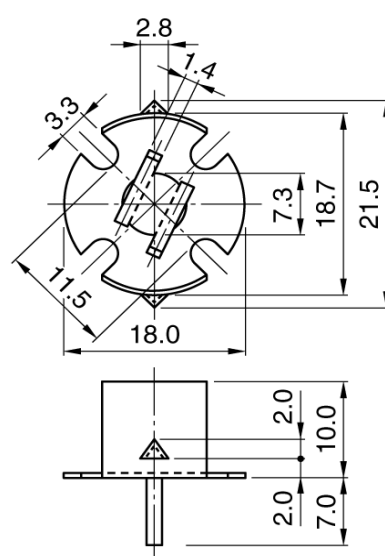
# Pot Core Accessories P18/11



## SPRING

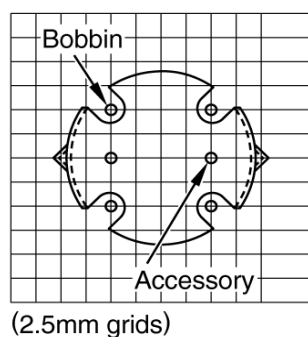


## YOKE



Dimensions in mm

## CONNECTING PIN PATTERNS(Bottom view)



| Part No.          | Parts  | Material      | Weight (g) approx. |
|-------------------|--------|---------------|--------------------|
| <b>FP18/11-6C</b> | Spring | Nickel silver | 2.61               |
|                   | Yoke   | Nickel silver | 2.61               |

Country of Origin: Japan

RoHS Certified: YES

**MH&W International Corp**

Phone 201-891-8800 Email: sales@mh-w-intl.com

Material: Nickel Silver

Finish: No Plating

Part Number: FP 18/11-6C



Technical drawing of a mechanical part, showing front and side views with dimensions.

**Front View (Top):**

- Overall width: 23.8
- Overall height: 17.8
- Inner circular hole diameter: 5.7
- Outer circular feature diameter: 13.0

**Side View (Bottom):**

- Overall width: 6.1
- Overall height: 13.8
- Inner rectangular feature height: 5.0
- Outer rectangular feature height: 2.4

Material thickness = 0.4

Technical drawing of a mechanical part, showing top and front views with dimensions.

**Top View Dimensions:**

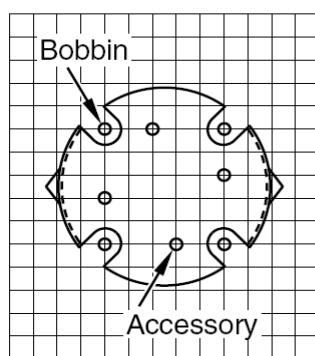
- Overall width: 4.0
- Overall height: 24.8
- Inner width: 1.4
- Inner height: 1.4
- Outer radius: 3.3
- Inner radius: 1.4
- Distance from center to outer edge: 6.9
- Distance from center to inner edge: 14.2
- Distance from center to outer edge (diagonal): 21.5
- Distance from center to inner edge (diagonal): 22.2

**Front View Dimensions:**

- Overall width: 6.0
- Overall height: 10.0
- Inner width: 5.0
- Inner height: 3.0
- Outer radius: 3.9
- Inner radius: 1.4

Material thickness = 0.4

### CONNECTING PIN PATTERNS(Bottom view)



(2.5mm grids)

Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Material: Nickel Silver

|                    |
|--------------------|
| Finish: No Plating |
|--------------------|

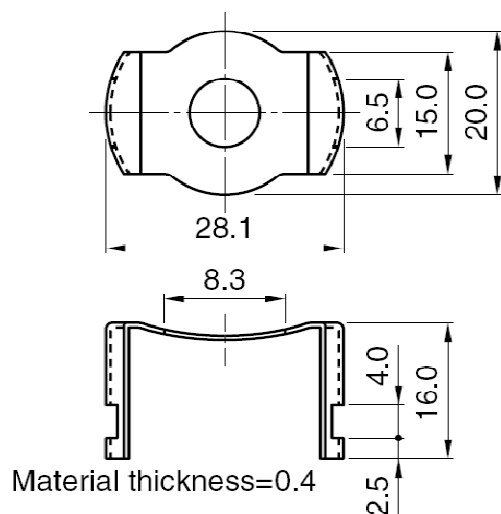
Phone 201-891-8800 Email: [sales@mhw-intl.com](mailto:sales@mhw-intl.com)

Part Number: FP 22/13-6C

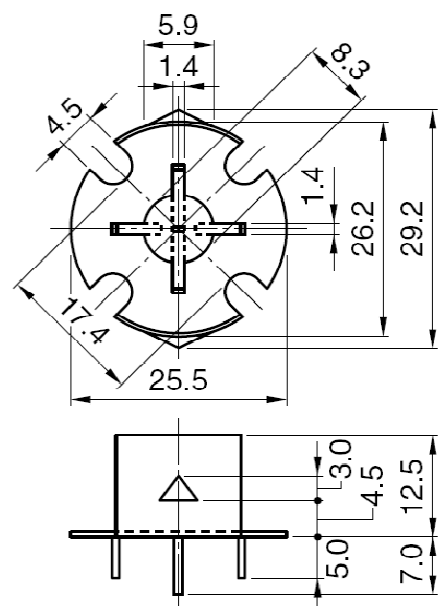
## Pot Core Accessories P26/16



### SPRING

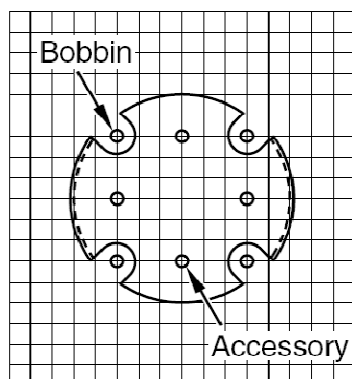


### YOKE



Dimensions in mm

### CONNECTING PIN PATTERNS(Bottom view)



Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Nickel Silver

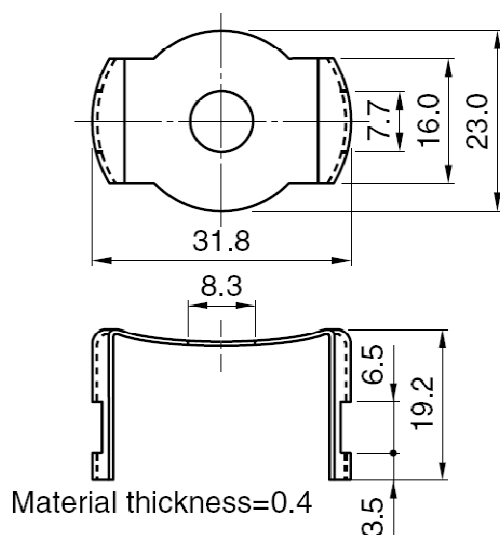
Finish: No Plating

Part Number: FP 26/16-6C

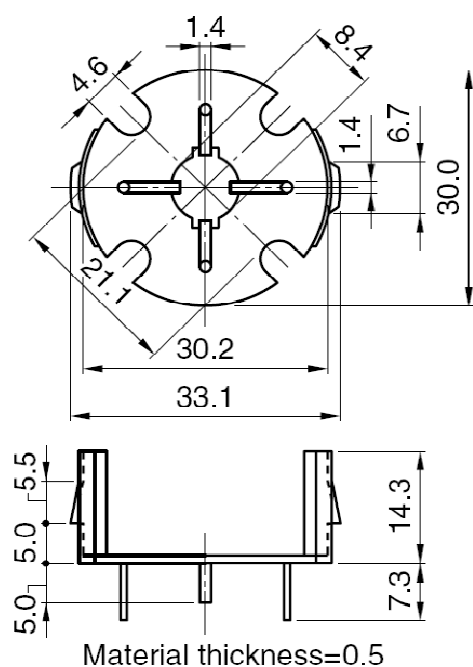
# Pot Core Accessories P30/19



## SPRING

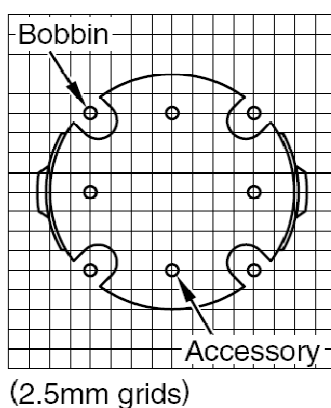


## YOKE



Dimensions in mm

## CONNECTING PIN PATTERNS(Bottom view)



Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Nickel Silver

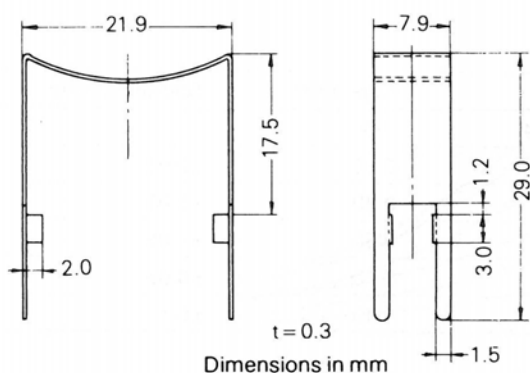
Finish: No Plating

Part Number: FP 30/19-6C

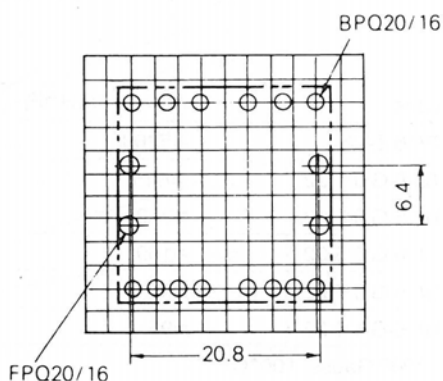
## PQ Core Accessories PQ20 Series



### Clamp of PQ20/16 core

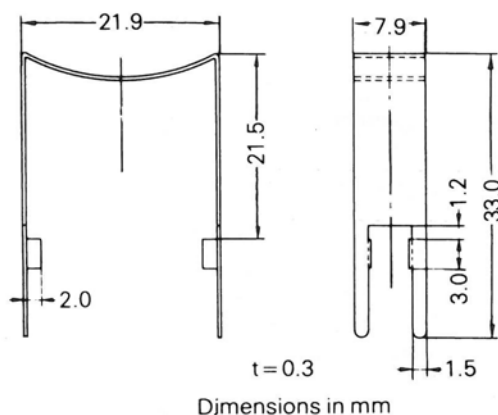


(0.1 inch grids)

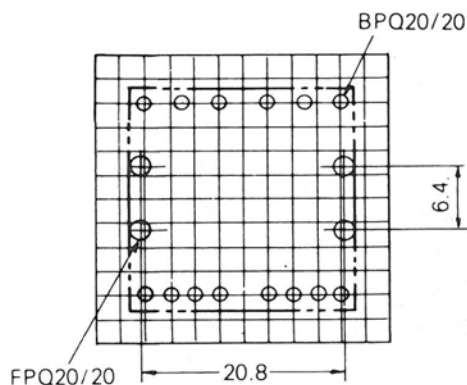


| Ordering code | Material      | Weight (approx.)<br>g |
|---------------|---------------|-----------------------|
| FPQ20/16-A    | Nickel Silver | 1.3                   |

### Clamp of PQ20/20 core



(0.1 inch grids)



| Ordering code | Material      | Weight (approx.)<br>g |
|---------------|---------------|-----------------------|
| FPQ20/20-A    | Nickel Silver | 1.6                   |

Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Nickel Silver

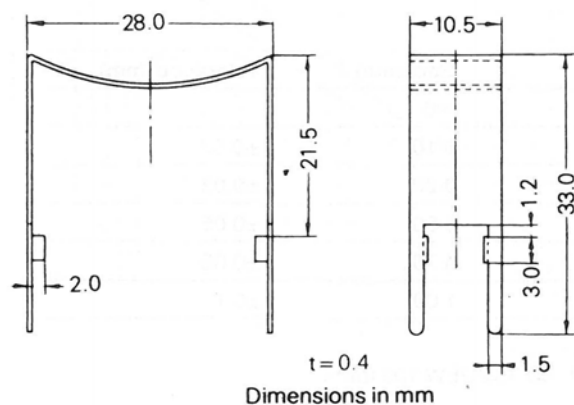
Finish: No Plating

Part Number: See Above

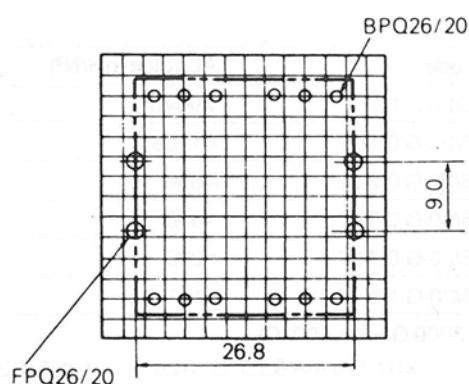
## PQ Core Accessories PQ26 Series



### Clamp of PQ26/20 core

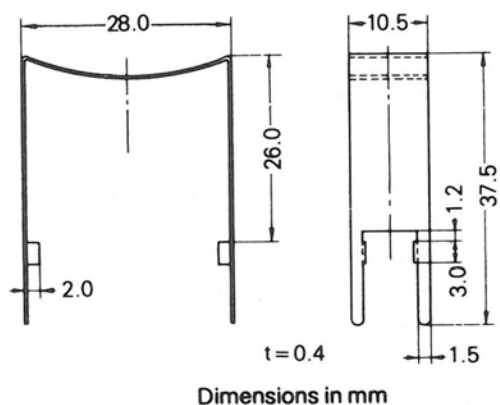


(0.1 inch grids)

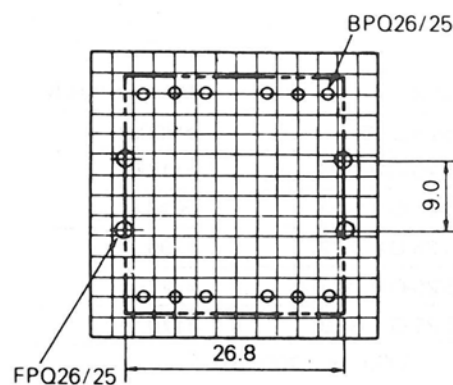


| Ordering code | Material      | Weight (approx.)<br>g |
|---------------|---------------|-----------------------|
| FPQ26/20-A    | Nickel Silver | 2.1                   |

### Clamp of PQ26/25 core



(0.1 inch grids)



| Ordering code | Material      | Weight (approx.)<br>g |
|---------------|---------------|-----------------------|
| FPQ26/25-A    | Nickel Silver | 2.3                   |

Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Nickel Silver

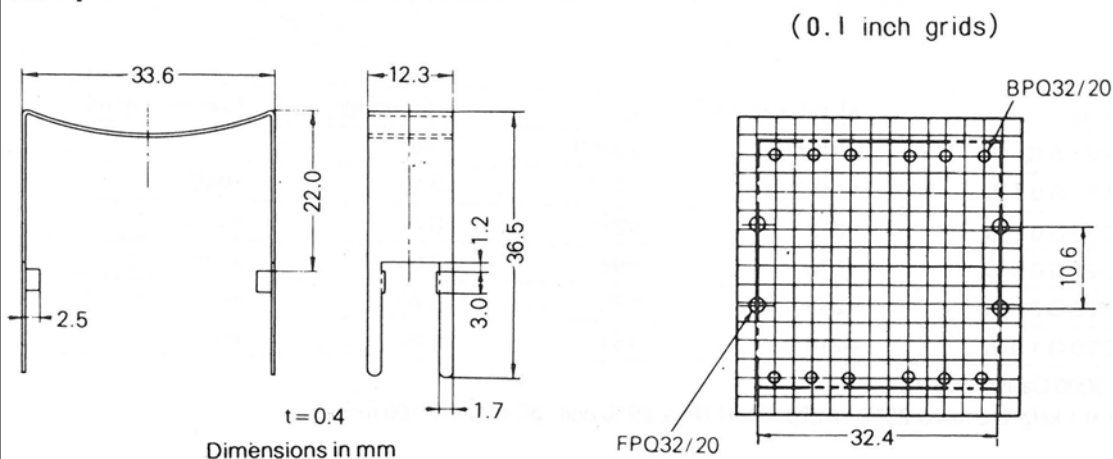
Finish: No Plating

Part Number: See Above

## PQ Core Accessories PQ32 Series

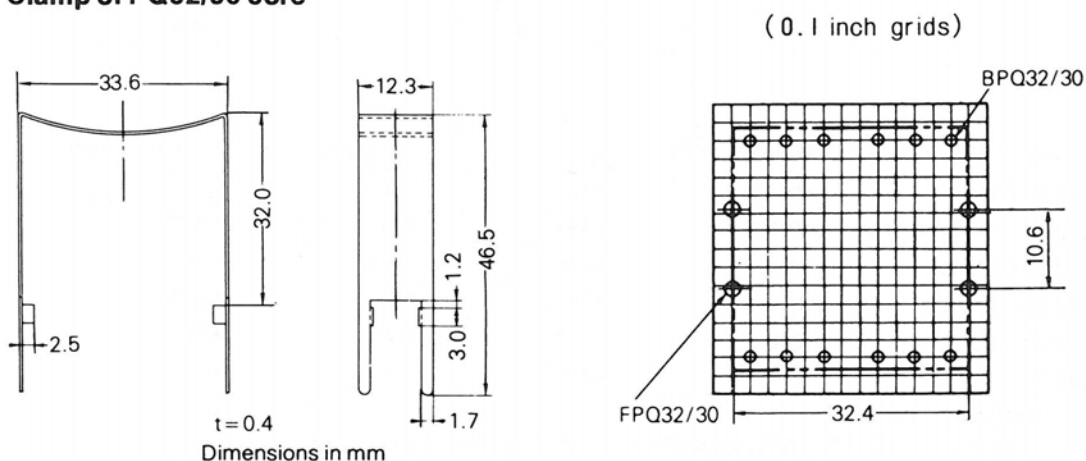


### Clamp of PQ32/20 core



| Ordering code | Material      | Weight (approx.)<br>g |
|---------------|---------------|-----------------------|
| FPQ32/20-A    | Nickel Silver | 3.5                   |

### Clamp of PQ32/30 core



| Ordering code | Material      | Weight (approx.)<br>g |
|---------------|---------------|-----------------------|
| FPQ32/30-A    | Nickel Silver | 4.5                   |

Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Material: Nickel Silver

Finish: No Plating

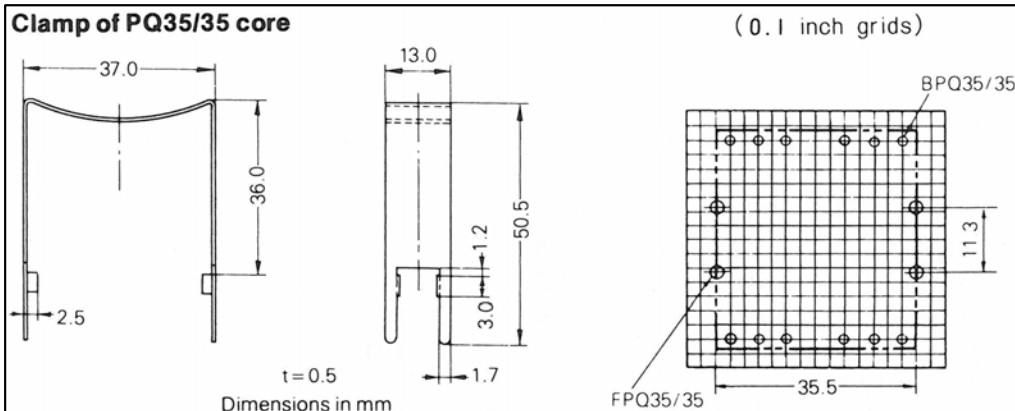
Phone 201-891-8800 Email: sales@mhw-intl.com

Part Number: See Above

## PQ Core Accessories PQ35 PQ40 Series

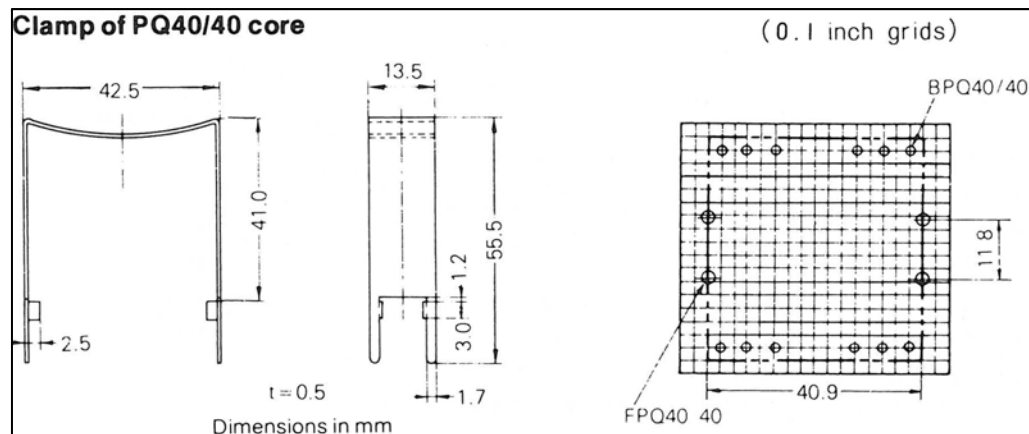


### Clamp of PQ35/35 core



| Ordering code | Material      | Weight (approx.)<br>g |
|---------------|---------------|-----------------------|
| FPQ35/35-A    | Nickel Silver | 5.1                   |

### Clamp of PQ40/40 core



| Ordering code | Material      | Weight (approx.)<br>g |
|---------------|---------------|-----------------------|
| FPQ40/40-A    | Nickel Silver | 6.0                   |

Country of Origin: Japan

RoHS Certified: YES

**MH&W International Corp**

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Nickel Silver

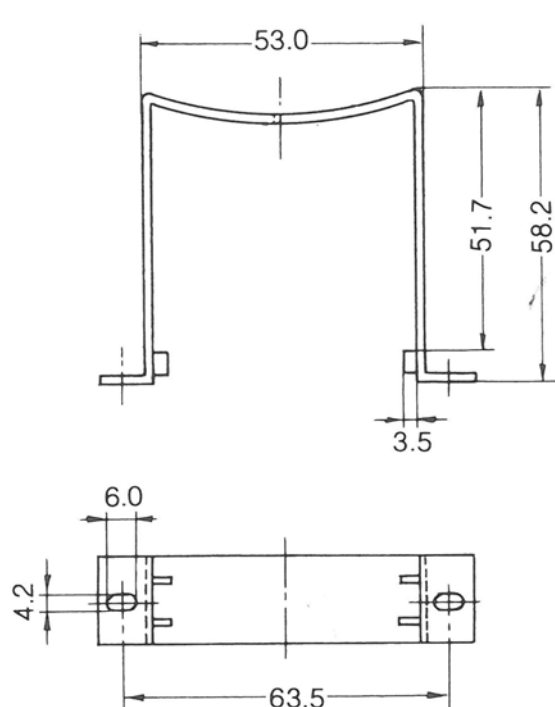
Finish: No Plating

Part Number: See Above

## PQ Core Accessories PQ50 Series



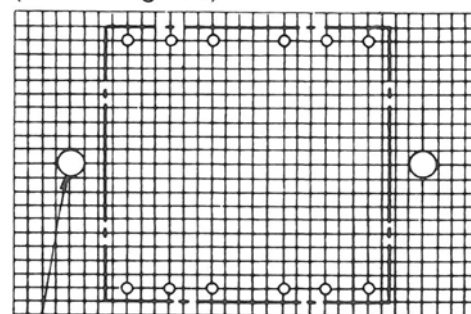
### Clamp of PQ50/50 core



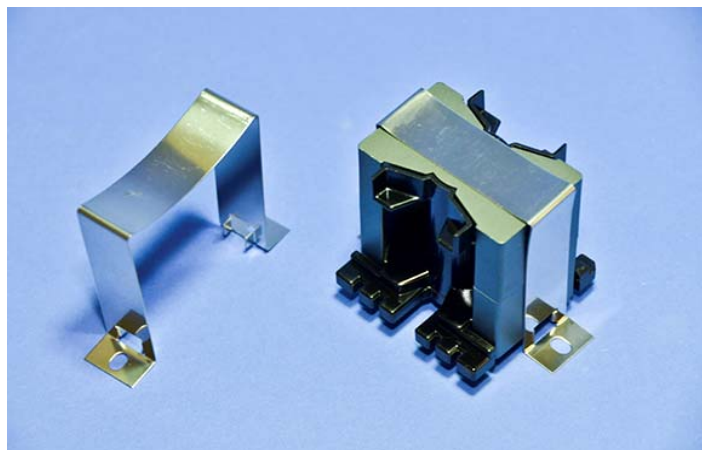
$t = 0.5$

### Connecting-pin pattern

(0.1 inch grids)



FPQ50/50-B



Country of Origin: Japan

RoHS Certified: YES

MH&W International Corp

Phone 201-891-8800 Email: sales@mhw-intl.com

Material: Nickel Silver

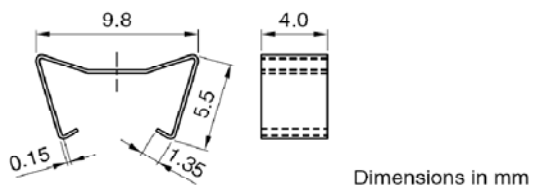
Finish: No Plating

Part Number:FPQ50/50-B

## Surface Mount Core Accessories

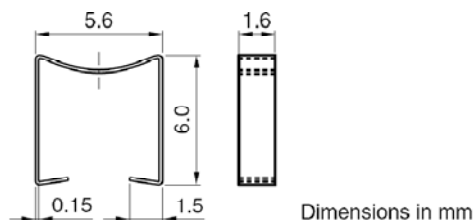


### ACCESSORIES CLAMP



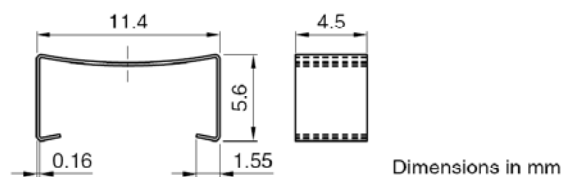
| Part No.          | Material        |
|-------------------|-----------------|
| <b>FER9.5/5-A</b> | Stainless steel |

### ACCESSORIES CLAMP



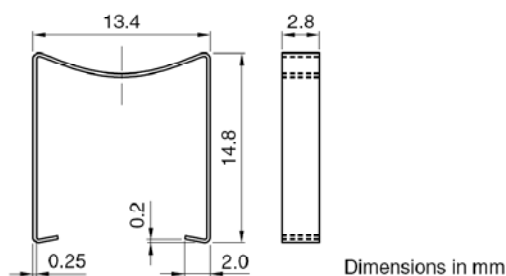
| Part No.      | Material        |
|---------------|-----------------|
| <b>FE-5-A</b> | Stainless steel |

### ACCESSORIES CLAMP



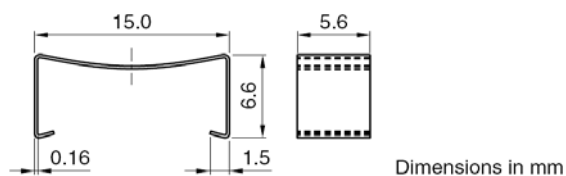
| Part No.         | Material        |
|------------------|-----------------|
| <b>FER11/5-A</b> | Stainless steel |

### ACCESSORIES CLAMP



| Part No.              | Material        |
|-----------------------|-----------------|
| <b>FEM12.7/13.7-A</b> | Stainless steel |

### ACCESSORIES CLAMP



| Part No.           | Material        |
|--------------------|-----------------|
| <b>FER14.5/6-A</b> | Stainless steel |

Country of Origin: Japan

RoHS Certified: YES

**MH&W International Corp**

Phone 201-891-8800 Email: sales@mh-w-intl.com

Material: Stainless Steel

Finish: No Plating

Part Number: See Above