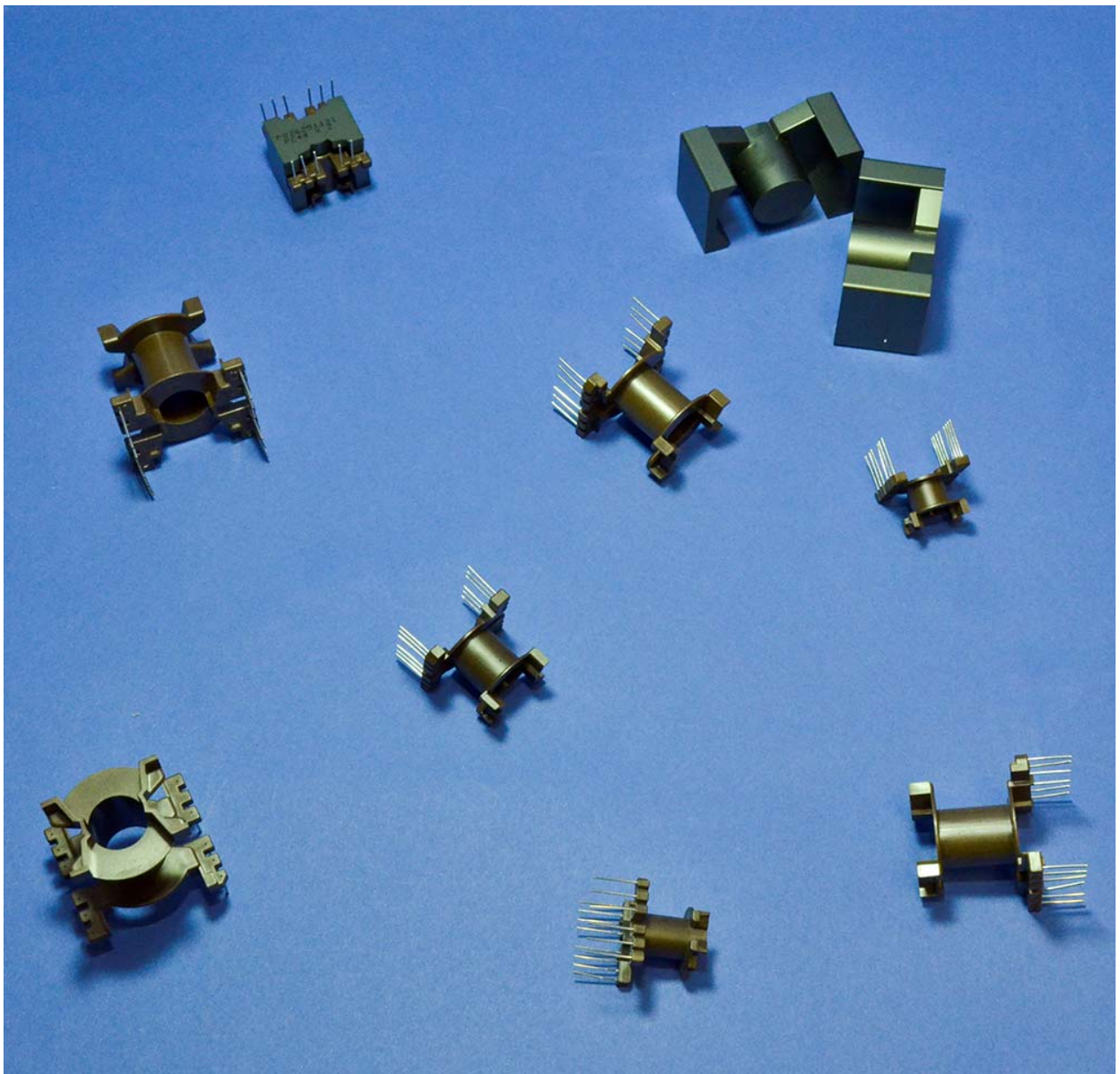




MH&W International Corp

High Temperature Bobbins For PQ Cores



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.

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 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 bobbins that MH&W has access to. These bobbins are all bobbins that are manufactured in accordance with the original TDK specifications. All bobbins are certified to meet the requirements of RoHS. MH&W continues to add the ROHS to the part number to confirm that the parts meet RoHS requirements.

Bobbin shape	Page
BPQ20/16-0114DSFR ROHS	3
BPQ20/20-0114DSFR ROHS	3
BPQ26/20-0112DSFR ROHS	4
BPQ26/25-0112DSFR ROHS	4
BPQ32/20-0112DSFR ROHS	5
BPQ32/30-0112DRFR ROHS	5
BPQ35/35-0112DSFR ROHS	6
BPQ40/40-0112DSFR ROHS	6

Component - Plastics

E41797

TORAY INDUSTRIES INC

2 NIHONBASHI-MUROMACHI 2-CHOME, CHUO-KU, TOKYO 103-0022 JP

AR04(f1)

Polyphenylene Sulfide (PPS), "Torelina", furnished as pellets

Color	Min Thk (mm)	Flame Class	HWI	HAI	RTI Elec	RTI Imp	RTI Str
NC	0.38	V-0	-	-	130	130	130
	0.71	V-0	4	1	200	200	200
	1.5	V-0	0	0	220	200	220
	1.7	5VA	0	0	220	200	220
	3.0	V-0, 5VA	0	0	220	200	220

Comparative Tracking Index (CTI): **4**

Dimensional Stability (%): **0**

High-Voltage Arc Tracking Rate (HVTR): **4**

High Volt, Low Current Arc Resis (D495): **7**

Dielectric Strength (kV/mm): **17**

Volume Resistivity (10^x ohm-cm): **15**

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

NOTE - Polyamide (nylon) grades may be prefixed with the letters CM and may employ hyphens in various locations. The designations of ECODEAR products may employ hyphens and/or spaces in various locations.

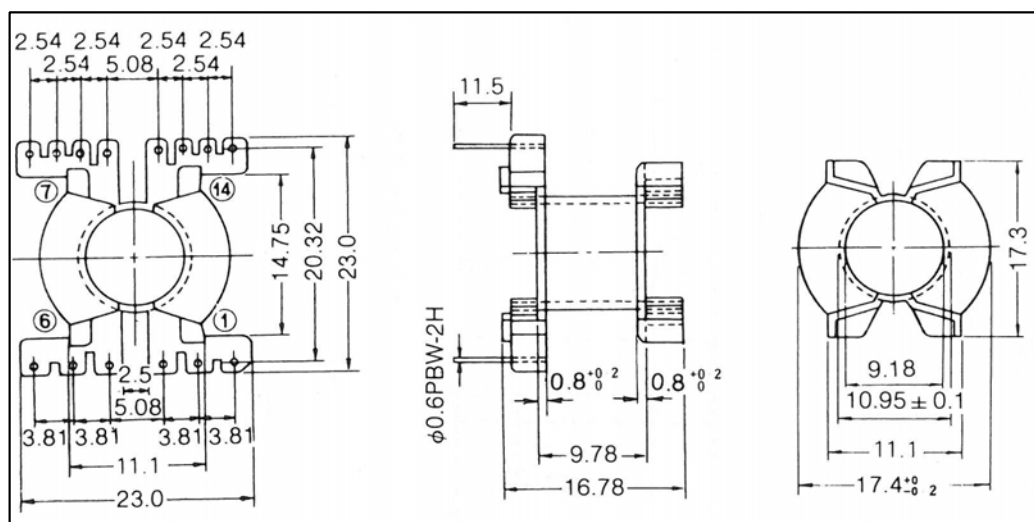
ANSI/UL 94 small-scale test data does not pertain to building materials, furnishings and related contents. ANSI/UL 94 small-scale test data is intended solely for determining the flammability of plastic materials used in the components and parts of end-product devices and appliances, where the acceptability of the combination is determined by UL.

Report Date: 1994-03-15
Last Revised: 2003-10-24

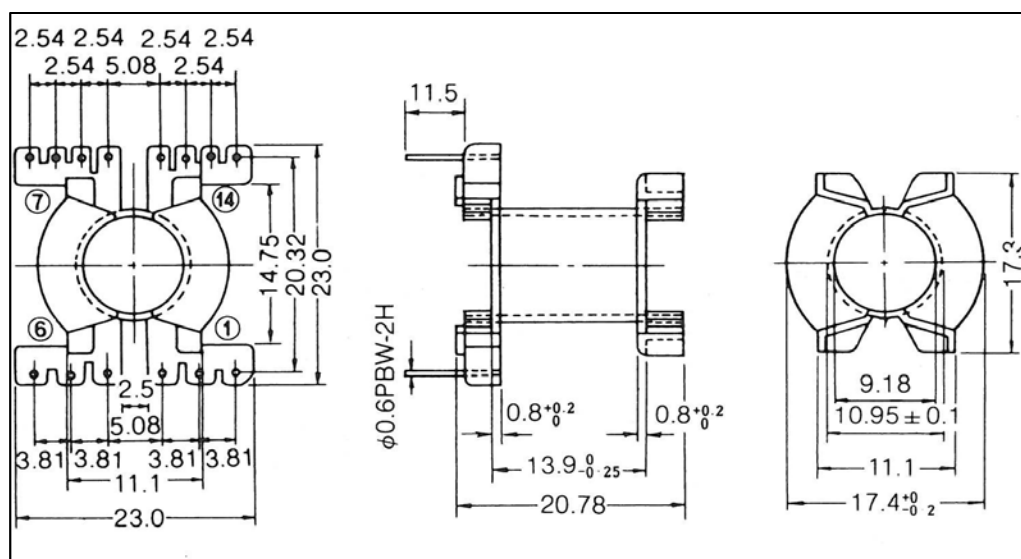
Underwriters Laboratories Inc®



BPQ20/16-0114DSFR ROHS



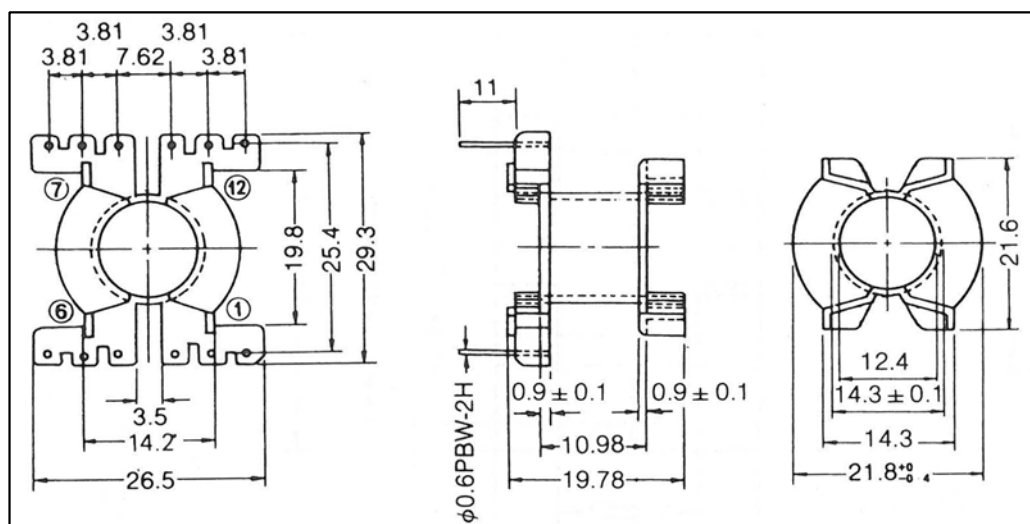
BPQ20/20-0114DSFR ROHS



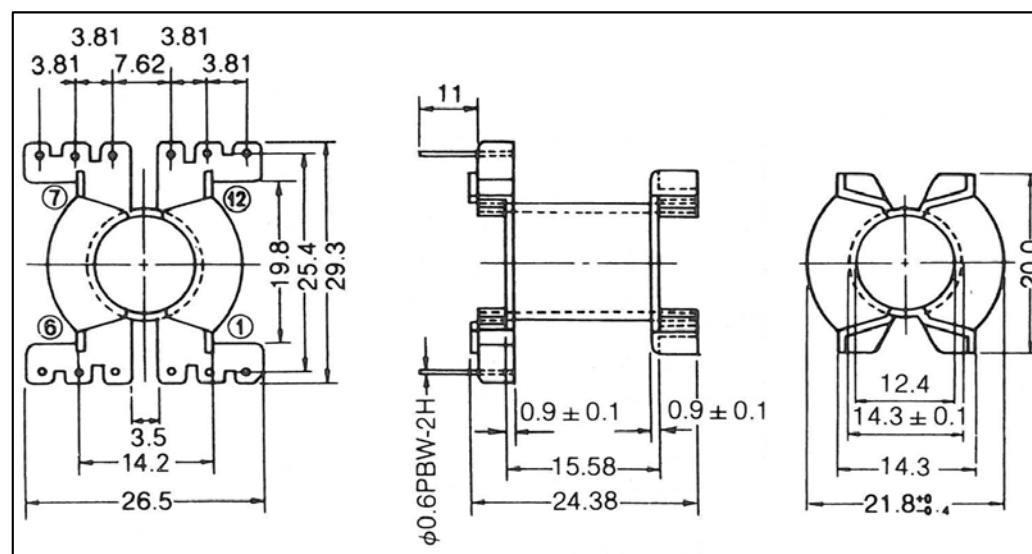
All Dimensions in mm

Country of Origin: Japan		RoHS Certified: YES	
Bobbin Material: Toray Industries AR04		Drawing Number: BPQ20 Series AR04 Material	
UL File: E41787	UL Rec: 94-V0	Pin Material: Phosphor Bronze(DS)	
MH&W International Corp		Pin Tension: 1.0Kgm min	Finish: SnCu (~2%Cu)
201-891-8800 Email: sales@mhw-intl.com		Part Number: See Above	

BPQ26/20-0112DSFR ROHS



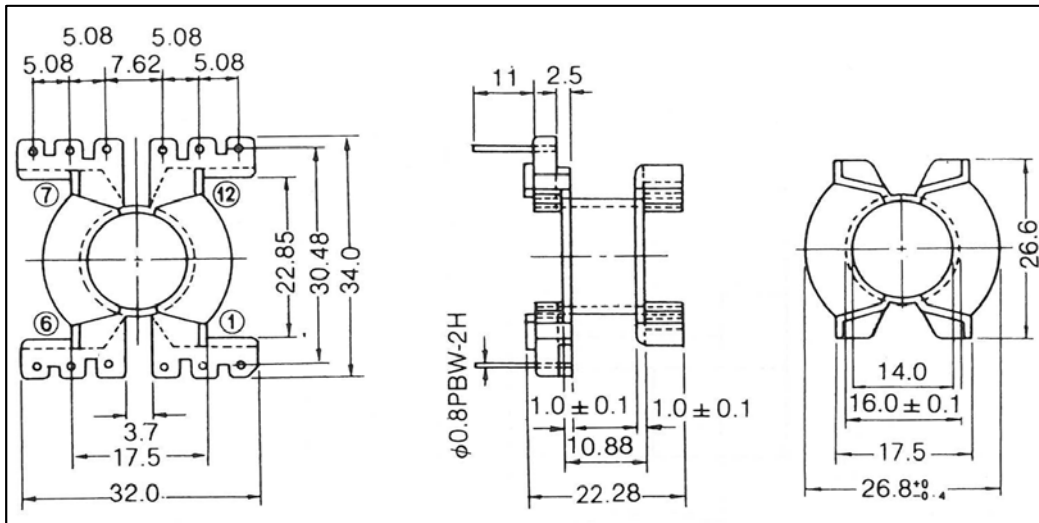
BPQ26/25-0112DSFR ROHS



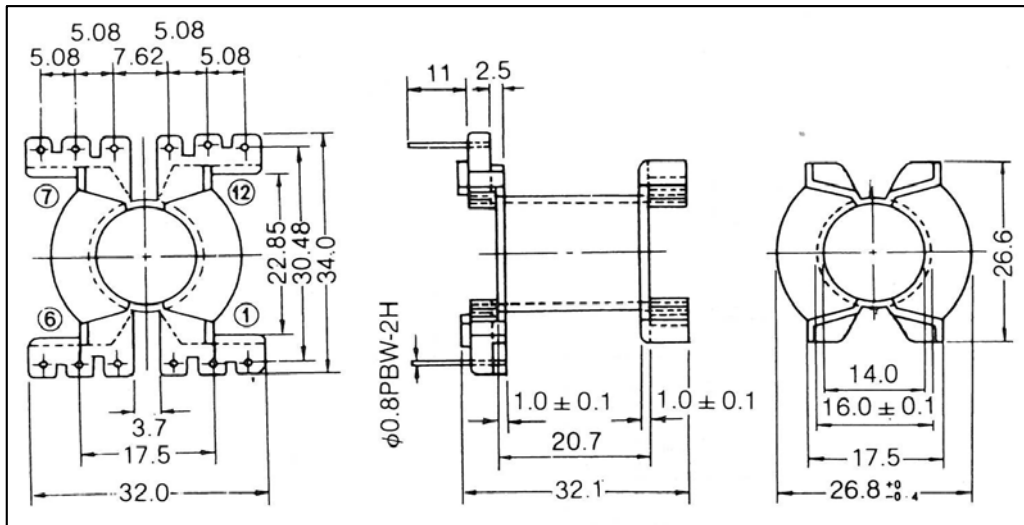
All Dimensions in mm

Country of Origin: Japan		RoHS Certified: YES	
Bobbin Material: Toray Industries AR04		Drawing Number: BPQ26 Series AR04 Material	
UL File: E41787	UL Rec: 94-V0	Pin Material: Phosphor Bronze(DS)	
MH&W International Corp		Pin Tension: 1.0Kgm min	Finish: SnCu (~2%Cu)
201-891-8800 Email: sales@mhw-intl.com		Part Number: See Above	

BPQ32/20-0112DSFR ROHS



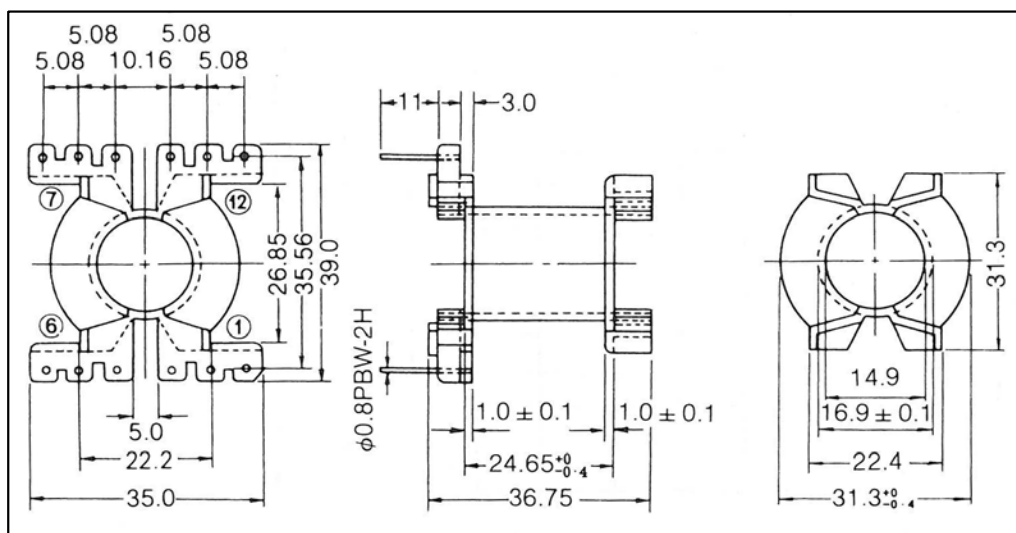
BPQ32/30-0112DSFR ROHS



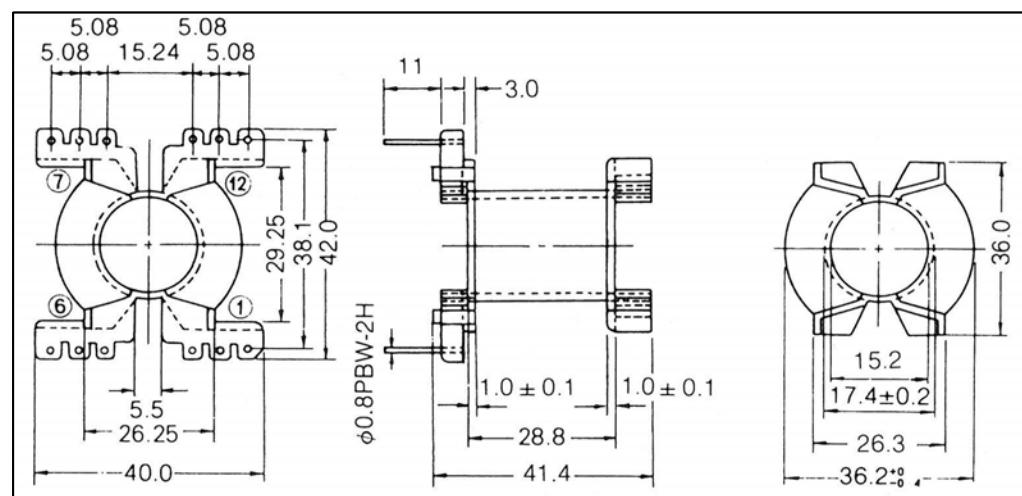
All Dimensions in mm

Country of Origin: Japan		RoHS Certified: YES	
Bobbin Material: Toray Industries AR04		Drawing Number: BPQ32 Series AR04 Material	
UL File: E41787	UL Rec: 94-V0	Pin Material: Phosphor Bronze(DS)	
MH&W International Corp		Pin Tension: 1.0Kgm min	Finish: SnCu (~2%Cu)
201-891-8800 Email: sales@mhw-intl.com		Part Number: See Above	

BPQ35/35-0112DSFR ROHS



BPQ40/40-0112DSFR ROHS



All Dimensions in mm

Country of Origin: Japan		RoHS Certified: YES	
Bobbin Material: Toray Industries AR04		Drawing Number: BPQ35 BPQ40 Series AR04 Material	
UL File: E41787	UL Rec: 94-V0	Pin Material: Phosphor Bronze(DS)	
MH&W International Corp		Pin Tension: 1.0Kgm min	Finish: SnCu (~2%Cu)
201-891-8800 Email: sales@mhw-intl.com		Part Number: See Above	