
PRODUCT CHANGE NOTIFICATION 0022

Issue Date: 05/06/2025

DESCRIPTION OF CHANGE:

TCI will replace old capacitor part 27605, 3-phase Vishay oil filled type screw terminal capacitors to new capacitor part 32446, 3-phase Vishay oil filled type spring clamp capacitors. The change applies to all designs both standard product and in component kit form. The rate at which the capacitors will change over is subject to stock availability of the old TCI capacitor parts. This notification highlights filter component applications. Please reference *Part Numbers Affected* and *Product Identification* below.

PRODUCT CATEGORY AFFECTED:

HGL
HGL KIT
HGP
HGPKIT
HSL
KPCUL
HSP
HSP KIT
KMG
MFC
MSD

PART NUMBERS / SERIES / FAMILIES AFFECTED:

Standard parts are listed in this section below. For more information on a specific custom part, please contact your TCI representative or marketing@transcoil.com with your specific part number.

Loose Capacitors

New TCI part	Old TCI part	Description
32446	27605	Cap, 3kVAR, 480V, 60Hz, Oil, Spring Clamp

Product Line Part Numbers

Part	Rev	Part	Rev	Part	Rev
HGL0005DW800000	A	HSP021A00CP	B	KMG200A00A	C
HGL0020AW0S0000	C	HSP021A00SC	C	KMG200A01A	C
HGL0020AW1C0000	E	HSP021A01SC	C	KMG200A01P	A
HGL0020AW1C1000	F	HSP021A03SC	C	KMG200AG3R0000	G
HGL0020AW1S0000	B	HSP021AG3SC	B	KMG200AG3RXJ	A
HGL0020AW3C0000	C	HSP026A00CP	B	KMG250AX1	B
HGL0020AW3S0000	B	HSP026A00SC	C	KMG362A01A	D
HGL0020AW800000	C	HSP026A01SC	C	KMG362A01P	C
HGL0020AW801000	C	HSP026A03SC	C	KMG362AE01	F
		HSP026AG3SC	B	KMG420A01A	C
HGP0004LX0S0000	C	HSP028B00CP	B	KMG420A01P	C
HGP0004LX800000	C	HSP028BG3SC	B	KMG420AE01	E
HGP0008AW800000	E	HSP042B00CP	B	KMG480A00A	B
HGP0008BW0C0000	C	HSP042B00SC	B	KMG480A01A	C
HGP0008BW1C0000	E	HSP042BG3SC	C	KMG480A01P	B
HGP0010AW800000	D	HSP044A00CP	B	KMG480AE01	E
HGP0020JW1S0000	B	HSP055A00CP	C	KMG600A00A	A
		HSP055AG3SC	B	KMG600A01A	C
HSL0010AW10000	A	HSP068A00CP	B	KMG600A01P	A
		HSP068A03SC	C	KMG750A00A	C
KPCUL001L50	E	HSP068AG3SC	D	KMG750A00P	A
KPCUL002B60	D	HSP110A00CP	B	KMG750AG3R0000	C
KPCUL003A63	B	HSP110A03SC	A	KMG850AG3R0000	B
KPCUL004L50	D	HSP110AG3SC	C	KMG850AG3RL000	B
KPCUL005L50	E	HSP110B00CP	B	KMG960AG3R0000	D
KPCUL007L50	E	HSP110BG3SC	F		
KPCUL013A64	B	HSP130A00CP	B		
KPCUL043A64	B	HSP130A00SC	B		
		HSP130A03SC	B		

Part	Rev	Part	Rev	Part	Rev
MFC055AAX1	C	MFC480AA	C	MSD0104B300	A
MFC1080AA	B	MFC480AB	B	MSD0200A000	D
MFC1080AR	E	MFC480AP	B	MSD0200A300	D
MFC1200AA	B	MFC480AR	G	MSN0540A300	D
MFC1200AR	E	MFC540AA	B	MSN0850A300	E
MFC200AA	B	MFC540AR	C	MSN0850A300X1	A
MFC200AB	B	MFC600AA	C		
MFC200AP	B	MFC600AB	B		
MFC200AR	D	MFC600AR	G		
MFC362AA	C	MFC750AA	C		
MFC362AAX1	B	MFC750AB	B		
MFC362AB	B	MFC750AR	G		
MFC362AP	B	MFC850AA	B		
MFC362AR	E	MFC850AB	B		
MFC362ARX1	A	MFC850AR	C		
MFC420AA	C	MFC960AA	C		
MFC420AE	B	MFC960AB	B		
MFC420AR	D	MFC960AR	D		
MFC420ARX1	B				

CLASSIFICATION OF CHANGE:

Replacement with same performance, better terminal block.

REASON FOR CHANGE:

Vendor supply chain issues and capacitor terminal block improvement.

EXPECTED INFLUENCE ON QUALITY/REALIABILITY/PERFORMANCE:

The new Vishay capacitors have a spring clamp terminal block rather than older screw type terminals.

The new capacitor bleeder resistors must be inserted into the capacitor upon inspection.

Reference DWG 32446 for new capacitor drawings with instructions. The bleeder resistor instructions will also be put into the new Installation Operation and Maintenance Manuals. There will be no change to quality or performance.

TIME SCHEDULE:

Changes will occur starting on shipments immediately, or subject to stock availability of previous capacitors.

PRODUCT IDENTIFICATION:

Loose capacitor part numbers will transition from old part numbers to new part numbers as defined in section PART NUMBERS / SERIES / FAMILIES AFFECTED “Loose Capacitors”.

Product line part numbers are not changing. (example HGL, HGP, HSP, MFC, etc. in standard or kit form)

Capacitor Bracket for kits:

The new capacitor diameter is smaller but the mounting locations/dimensions and hardware are not changing. See below drawing (KCAPBKT1D). Old bracket KCAPBKT1B will transition to KCAPBKT1D.

Always check <https://transcoil.com/products/kits-page/> for the most up to date filter kit details.

Capacitor Comparison:

kVAR	New TCI part	Dimensions	Old TCI part	Dimensions
3	32446	Height: 9.15", Dia 2.66"	27605	Height: 7.46", Dia 3.00"

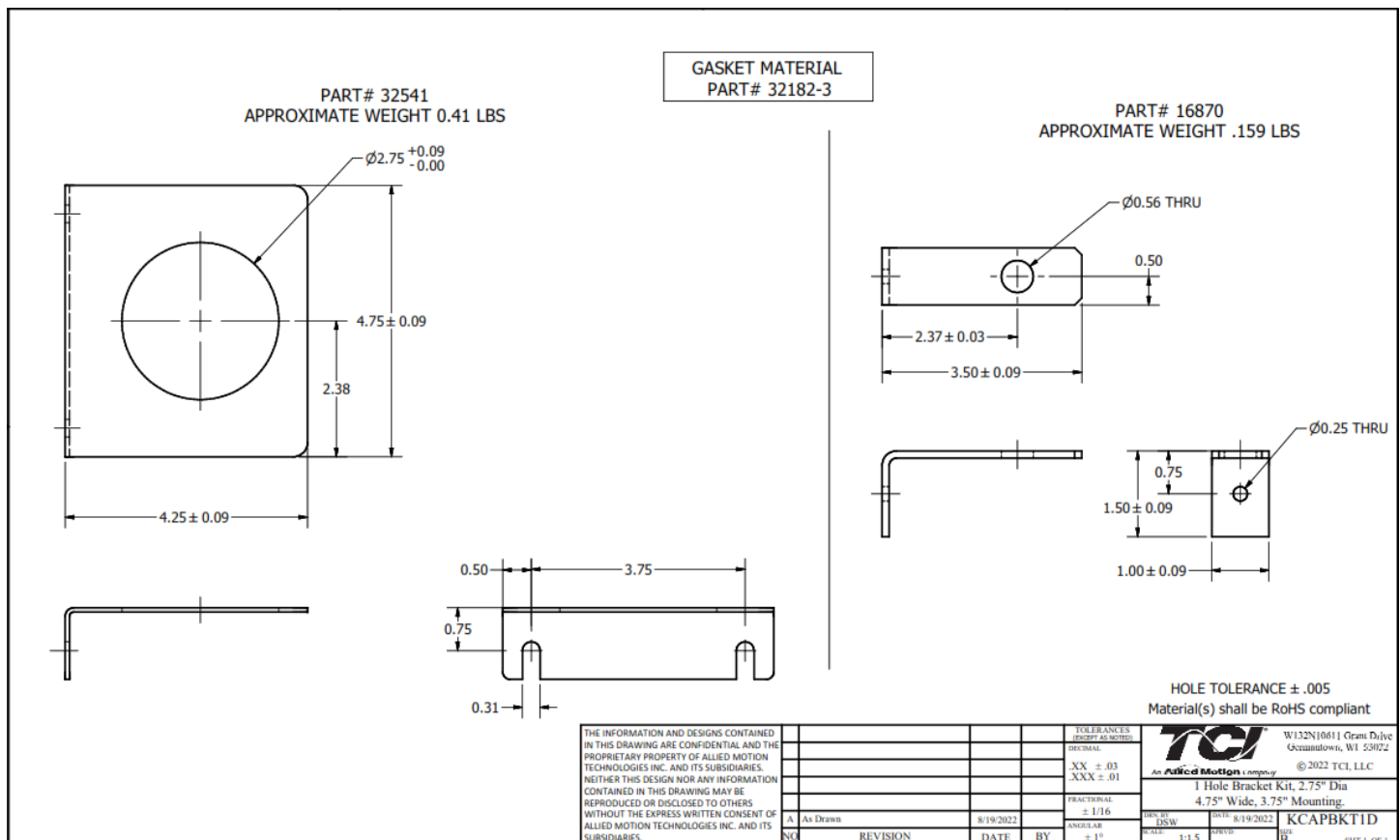


Figure 1: New Capacitor Mounting Bracket KCAPBKT1D

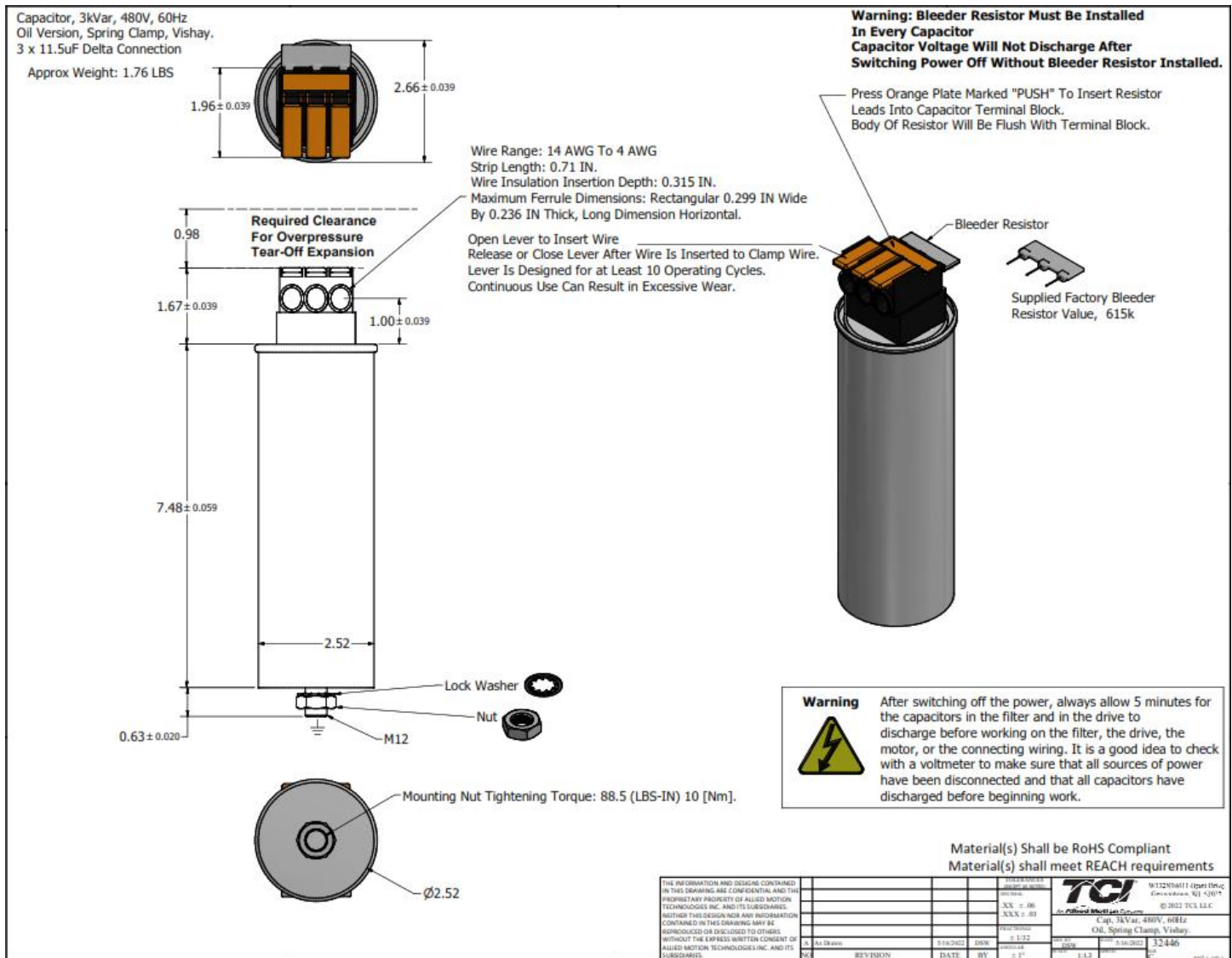


Figure 2: New 3 kVAR Spring Clamp

This PCN is considered approved, without further notification. Returns based on the prior design will not be accepted.

Josh Haase

ISSUED BY: Josh Haase, Allient TCI, Director- Marketing and Product

For further information, please contact your TCI Regional Sales Manager or Marketing Team at marketing@transcoil.com