

Visual Identity Guidelines for Authorized Distributors & Resellers

v1.0



These Visual Identity Guidelines for Authorized Distributors and Resellers have been designed to help you implement our new, distinctive TE Connectivity identity. They explain the fundamentals of the system with best practice examples and explanations of how to use the elements correctly in print, online and promotional applications.

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Visual Guidelines Introduction

No other company in the world connects and protects the flow of power and data in more products than TE Connectivity. As our company has evolved over more than 50 years, so has our business strategy and focus. We are changing our name to TE Connectivity to better reflect who we are and what we do. In a world that is now increasingly connected, we provide connectivity solutions across almost every industry around the globe.

Our new brand will become one of our most valuable assets. It must be communicated and applied consistently and accurately to maintain its strength and integrity. This overview document provides the resources to accurately portray the brand and communicate the attributes and qualities of our company.

Joan Wainwright
*Senior Vice President
Marketing and Communications*

Our Name

Tyco Electronics Ltd. has changed its name to TE Connectivity Ltd. to better reflect the products and solutions that we provide to our customers.

In a world that is increasingly connected we engineer a full range of connectivity solutions. From electronic connectors under the hood of a car, to fiber optic cables under the sea to high-voltage connections in energy systems, our products protect and connect the flow of power and data from origination to destination in the world's largest industries including automotive, telecommunications, energy, aerospace, industrial and consumer devices.

TE Connectivity Ltd. is our full legal name and may be shortened to TE Connectivity for most situations. Many customers and employees around the world already refer to us as "TE," which is why we chose to keep TE as the core of our new name, and to reinforce its use as the short name reference for TE Connectivity.

TE Connectivity Ltd.

TE Connectivity

Writing and Speaking about TE Connectivity

TE's operations are complex and diverse. Just as our visual identity elements must be used consistently to promote clear communication, writing and speaking with clarity about TE and its businesses requires consistency as well. Be sure to understand and follow the few simple rules on this page.

Note: "Tyco" and "Tyco Electronics" are no longer part of our name and should not be used in reference to TE Connectivity or its businesses.

Questions about this page should be directed to your TE Connectivity Account Manager.

Long name
TE Connectivity

Short name
TE

Written first instance
In any written document the first reference to our company should be the long name — "TE Connectivity."

Written after first instance
After the first reference in a document the company should be referred to by its short name — "TE."

Verbal reference
"TE" — is the correct reference in almost any spoken communication or conversation.

When making a formal presentation or speech it may be appropriate to follow the written convention of our long name first reference.

The TE Signature | Our New Name and Symbol

Our new brand signature is shown on this page. The signature is a combination of a unique symbol and wordmark for our new name. Our new name and signature supports our unrivaled position as a global leader in enabling connectivity.

The old signature is no longer used on communication materials.

Our new symbol

Our new symbol brings forward the interconnected quality of the old TE symbol. The movement of the streaks in the symbol reflects the dynamism of our company and our commitment to delivering the expertise, innovation and customer collaboration that enable a connected world.

Our new name and wordmark

Our new name is displayed in the wordmark in italic letters, conveying the pace and dynamism of our business.

The blue and orange of the old signature have been retained. The color blue speaks to our heritage and is associated with the true blue of loyalty. Both classic and timeless, it was chosen to represent the integrity and approachability of our people. The color orange is an energetic, lively color and suggests the unlimited potential of our business.

The signature lock-up relationship has been carefully determined and should not be altered from the example shown here in any way. Do not separate the symbol from the wordmark.

New signature



Our new symbol

Our new name/wordmark

Old signature



Authorized Distributor & Reseller Signatures

The Authorized Distributor and Authorized Reseller signature lock-ups have been developed to maintain consistency with our visual system and prevent incorrect versions from being created.

Each lock-up should be used on white backgrounds. If it will appear on a dark background it must be placed within a white area at least equal to the minimum clear space as defined at right.

A rectangle defining the minimum clear space is part of all signature artwork files.

Vertical signature

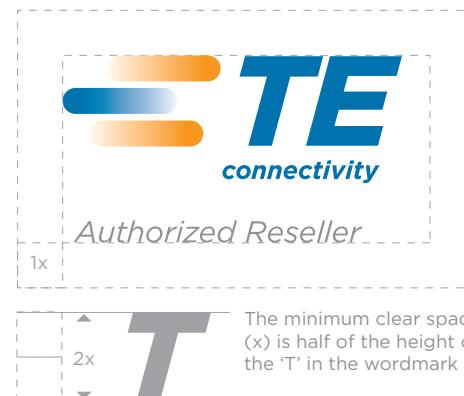


Authorized Distributor

Horizontal signature



*Authorized
Distributor*



The minimum clear space (x) is half of the height of the 'T' in the wordmark

When the Authorized Distributor or Authorized Reseller signature appears on a dark background, it must be placed in a white background with a minimum size equal to the clear space around it. Do not place a keyline around the white area.



Authorized Reseller Signature | Signature Options

Horizontal signatures



Authorized
Reseller

Spot-Color .eps signature
File name: TE_AR_logo_H_spot.eps



Authorized
Reseller

Process Color .eps signature
File name: TE_AS_logo_H_cmyk.eps



Authorized
Reseller

RGB Color .eps signature
File name: TE_AR_logo_H_rgb.eps



Authorized
Reseller

Grayscale .eps signature
File name: TE_AR_logo_H_grayscale.eps



Authorized
Reseller

White (reverse) .ai signature
File name: TE_AR_logo_H_white.ai



Authorized
Reseller

RGB Color .jpg signature
File name: TE_AR_logo_H_rgb.jpg



Authorized
Reseller

White (reverse) .png signature
File name: TE_AR_logo_H_white.png

Vertical signatures



Authorized Reseller

Spot-Color .eps signature
File name: TE_AR_logo_V_spot.eps



Authorized Reseller

Process Color .eps signature
File name: TE_AR_logo_V_cmyk.eps



Authorized Reseller

RGB Color .eps signature
File name: TE_AR_logo_V_rgb.eps



Authorized Reseller

Grayscale .eps signature
File name: TE_AR_logo_V_grayscale.eps



Authorized Reseller

White (reverse) .ai signature
File name: TE_AR_logo_V_white.ai



Authorized Reseller

RGB Color .jpg signature
File name: TE_AR_logo_V_rgb.jpg



Authorized Reseller

White (reverse) .png signature
File name: TE_AR_logo_V_white.png

Minimum Sizes

To maintain the visibility and legibility of the TE signature, it must not be used below a minimum reproduction size. Different minimums are required for different media as shown on this page.

Always scale the TE signature elements together as a unit to ensure that the approved proportions and relationship between these elements can always be maintained.

Minimum Size for Offset or Digital Print



20mm
0.78"

Minimum Size for Desktop or Office Print



25mm
0.984"

Minimum Size for On-screen



75 pixels

Minimum Size for Embroidery



85mm
3"

Minimum Size for Glass or Metal Etching



40mm
1.57"

Incorrect Signature Usage

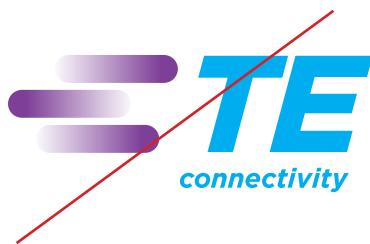
The examples shown below illustrate some, but not all, unacceptable uses of the TE signature. Always use approved artwork.



Do not arrange the signature in a stacked or centered alignment.



Do not typeset the signature or tagline in another typeface. Always reproduce the signature from approved electronic or camera-ready artwork.



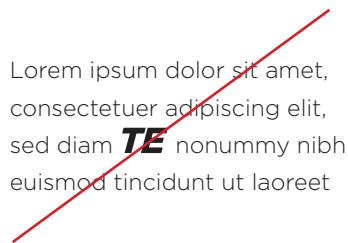
Do not reproduce the signature in any other colors.



Do not place the signature at an angle or distort it in any way.



Do not introduce any other graphic elements.



Do not use the wordmark artwork as part of a sentence.



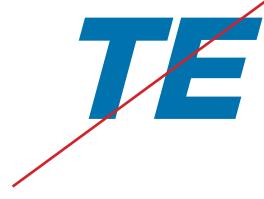
Do not use poor-quality artwork. Always reproduce the signature from approved electronic or camera-ready artwork.



Do not add a drop shadow to the signature.



Do not use the old Tyco Electronics signature or tagline.



Never use 'TE' by itself.



Do not combine the Streak symbol with the old Tyco Electronics signature.

Backgrounds

The TE signature uses transparency to give the effect of the symbol streaks fading into the background. Maintaining this effect is essential to the integrity of the signature and requires special attention to backgrounds.

The preferred and usual background for the color TE signature is white.

If necessary, the signature may be applied to a light-colored material as long as the transparency effect is maintained (printing on light-colored paper for instance).

Do not place the color signature against a photographic or filled background area where the transparent ends of the streaks will appear as white.

The White (reverse) version of the signature must blend with the background on which it is placed to maintain the transparent effect. The White artwork files provided are transparent for this reason (.ai for print and .png for desktop and screen use).

The White (reverse) signature may be used on dark colors or photographic backgrounds, provided that there is enough contrast for clear legibility.

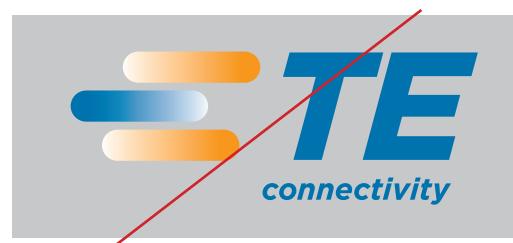
Preferred background
White



Acceptable background
Pale tinted backgrounds are acceptable when white is not an option



Colored fills
Do not place the signature against a colored fill, where the transparent ends of the streaks will appear as white..



Photographs
Do not place the color signature on a photographic background.



Dark background
Use the reverse signature on a dark background. The background color blends with the transparent artwork.



Dark photographs
The White (reverse) signature may be used on a dark photographic background if the signature is clear.



Busy photographs
Do not place the White (reverse) signature on a busy photograph where it is hard to read.

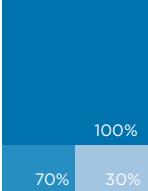
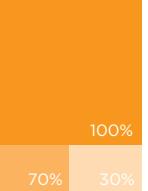
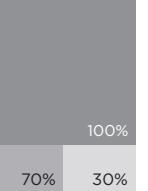
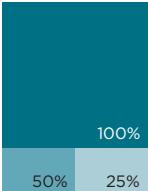
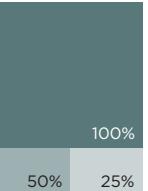
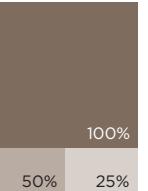
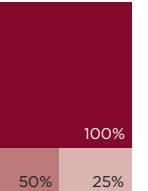
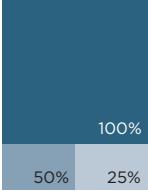
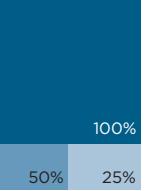
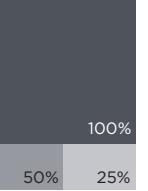
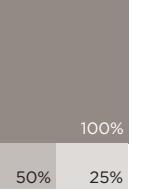
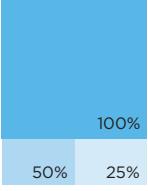
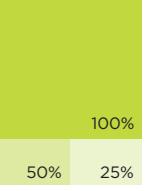
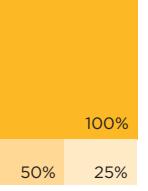
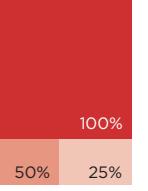


TE Color Palette

To create a consistent and recognizable look for the variety of visual communications we produce, a color palette has been selected. Our color palette consists of our Primary Colors, TE Blue (Pantone® 3015), TE Orange (Pantone 144) and TE Gray (Pantone Cool Gray 9).

A secondary palette of coordinating colors in subdued backgrounds and bright page accents adds design flexibility – these colors may be used at 100% value or as tints, as shown here.

The colors shown here have not been evaluated by Pantone, Inc. for accuracy and may not match the PANTONE® Color Standards. PANTONE® is a registered trademark of Pantone, Inc.

Primary Colors	Pantone 3015	Pantone 144	Pantone CG 9
	Pantone 3015 100c/30m/0y/20k Or/115g/174b 0073AE Ral 5015		
100%	100%	100%	100%
70% 30%	70% 30%	70% 30%	70% 30%
Secondary Colors	Pantone 3155	Pantone 5487	Pantone 7531
Subdued background palette			
	100%	100%	100%
50% 25%	50% 25%	50% 25%	50% 25%
Secondary Colors	Pantone 202	Pantone 5405	Pantone 7469
Accent color palette			
	100%	100%	100%
50% 25%	50% 25%	50% 25%	50% 25%
Secondary Colors	Pantone 7540	Pantone WG 7	
Accent color palette			
	100%	100%	
50% 25%	50% 25%	50% 25%	50% 25%
Secondary Colors	Pantone 292	Pantone 382	Pantone 1235
Accent color palette			
	100%	100%	100%
50% 25%	50% 25%	50% 25%	50% 25%
Secondary Colors	Pantone 180		
Accent color palette			
	100%		
50% 25%	50% 25%		

TE Typography

For TE designed materials, use Gotham* through all levels of text hierarchy: headlines, introductory text, body text and captions.

Arial may be used as an alternate font when Gotham is not available.

*TE has contracted the proprietary Gotham font from Hoefler-Frere Jones, Incorporated (HFJ). We possess a limited number of software licenses for four styles (Light, Book, Bold and Black). This font is copyrighted by HFJ. The font can only be installed on a limited number of computers within TE.

Only graphics professionals, engaged in producing company-sanctioned catalogs, brochures, banners, signage, etc., using licensed versions of design applications, such as Adobe® Photoshop/Illustrator/InDesign and QuarkXPress should request this font and will be given access to it. The Gotham font will be uploaded to the corporate software library. If you have any questions relating to the Gotham font, please contact TE Corporate Communications for additional information.

Outside vendors such as printers, desktop publishers, advertising agencies, exhibit house, etc., who need these fonts to work on TE Connectivity projects will need to purchase licenses to use these fonts from HFJ at www.typography.com

Where the fonts cannot be used

- Web development
- As text in other desktop applications

Gotham

Gotham Light

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789!?&\$#@#%^*(){}

Gotham Book

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789!?&\$#@#%^*(){}

Gotham Bold

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789!?&\$#@#%^*(){}

Gotham Black

abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789!?&\$#@#%^*(){}

Arial

Arial Regular
abcdefghijklmnopqrstuvwxyz
ABCDEFGHIJKLMNOPQRSTUVWXYZ
0123456789!?&\$#@#%^*(){}

Arial Bold
abcdefghijklmnopqrstuvwxyz

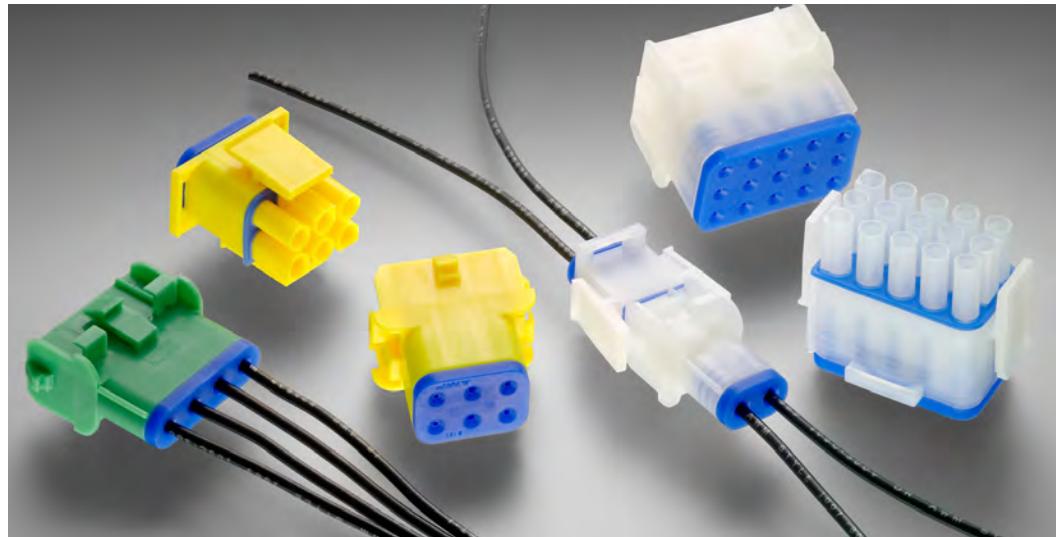
Imagery | Product Focus

Photography with a product focus should emphasize one or more TE products or devices. It should be appropriate and relevant to our brand. In order to communicate product focus, compositions use depth of field and a strong focal point to project a unique TE point of view. For instance, one area of the product should be in sharp focus while the rest of the image is soft, essentially out of focus. This approach is dynamic and sets us apart from our competitors. It also helps us to communicate that even though TE products are innovative and often complicated, they can also be approachable.

Wherever possible, use natural light, or natural lighting techniques to photograph products. Artificial colorization of product imagery should be avoided. Avoid a cluttered composition by choosing a few carefully chosen items to show (e.g. five rather than eight) and let the lighting and composition create an engaging product shot.

Key considerations:

- Strong focal point
- Dynamic cropping
- Natural lighting
- Simple backgrounds



The Supergraphic

A distinctive graphic element has been created to help unify our materials and further differentiate us from our competitors. This supergraphic element is derived from the TE symbol and always appears within an orange band.

Generally the supergraphic is used only once on an application. Take care not to overuse it and apply it throughout a piece. Whenever possible the ends of the supergraphic band bleed off the sides of an application.

Special artwork has been created for the supergraphic. Its configuration and proportions are fixed. Use only the approved artwork when applying the supergraphic to applications.

The Supergraphic | Sizing and Placement Options

Supergraphic Size

Three standard supergraphic sizes have been created and are available as artwork:

- vertical brochure supergraphic
- horizontal brochure supergraphic
- Narrow (extreme vertical) supergraphic

Supergraphic Band

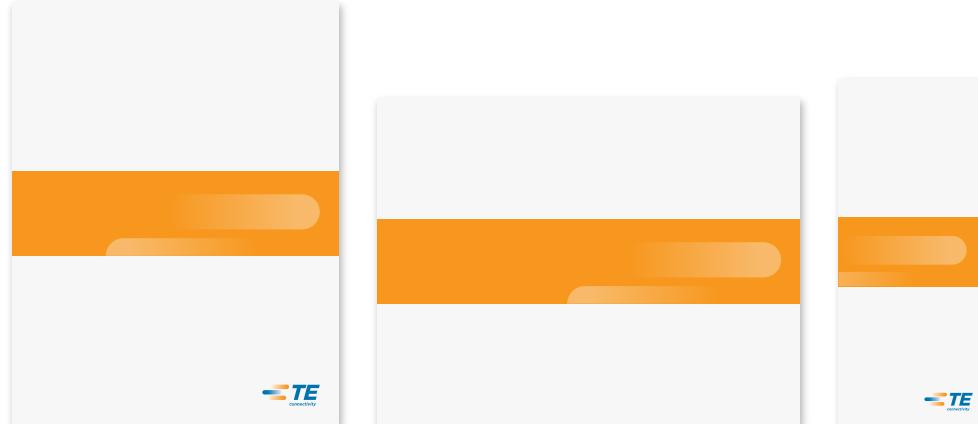
The size of the supergraphic band on our applications is determined by the height of the application. On vertical applications, the height of the band is 1/5 of the height of the application. On horizontal applications, the height of the band is 1/4 of the height of the application.

The orange band may be extended across the back cover but do not repeat the supergraphic on the back.

Supergraphic Placement Options

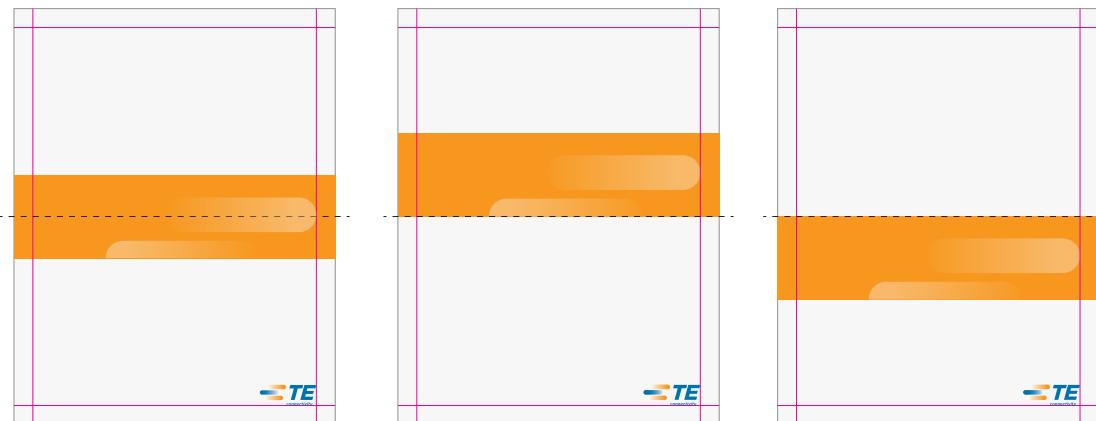
There are three placement positions for the supergraphic band. The band is either centered on the page or it sits on/hangs from the midpoint line, as shown on this page.

Standard Supergraphic Sizes



Three available sizes of supergraphic artwork, from left to right: Vertical brochure, horizontal brochure and narrow (extreme vertical)

Supergraphic Placement Options



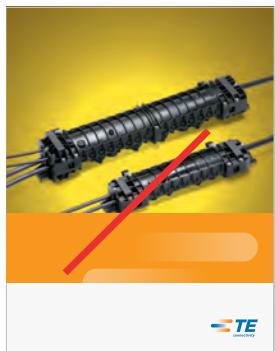
Option 1: Supergraphic is centered on the page

Option 2: Supergraphic sits on the midpoint line

Option 3: Supergraphic hangs from the midpoint line

Incorrect Supergraphic Usage

Always maintain the integrity of the supergraphic. Use the supplied supergraphic artwork as placed in the application templates. The examples shown below illustrate some, but not all of the unacceptable uses of the supergraphic.



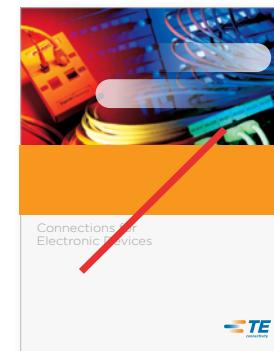
Do not place the supergraphic in positions other than the two placement options.



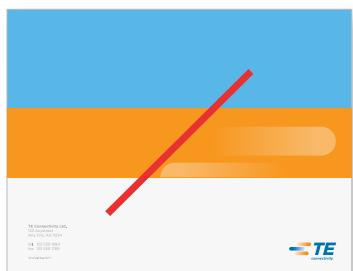
Do not bleed the supergraphic off the top or bottom of a piece.



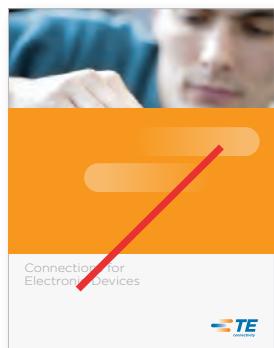
Do not reverse the direction of the supergraphic.



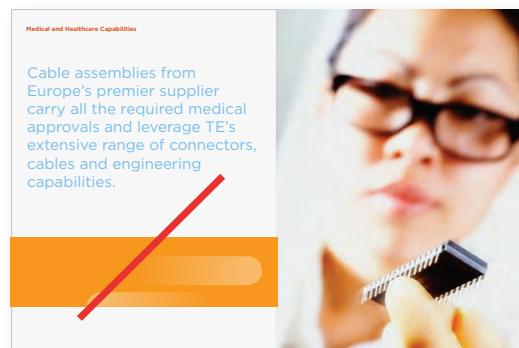
Do not separate the supergraphic and supergraphic band. Use only the approved artwork.



Do not use more than one supergraphic in a communications piece. The orange band can wrap around the back cover but do not repeat the supergraphic on the back.



Do not change the height of the supergraphic band.



Do not use the supergraphic in the inside pages of a brochure or product catalog.

Co-branded items created by TE.

When online and offline marketing materials are created by TE Connectivity for distributors use, TE Connectivity will appear as the masterbrand, using the TE authorized distributor logo, templates, photos and graphic elements.

Distributors may add their logo, phone numbers and web address to these materials, but without altering the piece.

Please note: The size and placement of the distributor's logo and information will vary for each marketing piece.

All co-branded marketing materials must be approved by the TE Distribution Team before being published by the distributor.



FOR MORE INFORMATION

Technical Support

Internet:	www.teelectronics.com/help
USA:	+1 (800) 322-0727
Canada:	+1 (905) 470-4425
Mexico & Central America:	+52(0) 55-106-0814
South America:	+55 (0) 11-2103-6000
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 8706-080208
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant*, unless marked otherwise.
*as defined www.teelectronics.com/leadfree

**Quick Reference Guide
SFP+ Solutions**

Increased protocol speeds led to the development of the SFP+ interface, which extended the SFP form factor to support applications to 10 Gb/s, such as 8G Fibre Channel and 10G Ethernet. Cages are offered in the same port configurations as SFP, with elastomeric gaskets and enhanced EMI springs to address EMI containment at the higher data rates.

Tyco Electronics' SFP+ direct attach copper cable assemblies are a high speed, cost effective alternative to fiber optics in 10Gb Ethernet, 8Gb Fibre Channel and InfiniBand applications. SFP+ copper cable assemblies enable hardware OEMs and data center operators to achieve high port density and configurability at a low cost and reduced power requirement.

FEATURES AND BENEFITS

Interconnect

- Supports applications up to 10Gb/s
- Backward compatible with SFP
- Cages offered in single port, ganged, and stacked configurations
- Elastomeric gaskets and springs for EMI containment
- Uses enhanced 20 position connector
- Heat sink optional for single port cages
- Cages accommodate belly-to-belly mounting

Cable Assemblies

- Direct attach copper cable assemblies are SFF-8431 compliant
- Supports serial data rates up to 10Gb/s
- Low cost alternative to fiber optic assemblies
- Low power consumption
- Enhanced EMI suppression
- Pull-to-Release retractable pin latch design

Distributor Logo

Distributor Logo

TE Connectivity Authorized Distributor

Tyco Electronics Corporation, Harrisburg, PA | tyceelectronics.com

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Approved for CTS CB 06/2010

Intertek is a trademark of Intertek Testing Trade Association.
MADISON CABLE, TurboNet, TE (logos), TE Connectivity and Tyco Electronics are trademarks of the Tyco Electronics group of companies. Other products, logos, and Company names mentioned herein may be trademarks of their respective owners.

While Tyco Electronics has made every reasonable effort to ensure the accuracy of the information in this catalog, Tyco Electronics does not guarantee the accuracy or completeness of any information contained herein. Tyco Electronics reserves the right to make any adjustments to the information contained herein at any time without notice. Tyco Electronics expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. Tyco Electronics reserves the right to change product offerings and specifications without notice. Specifications are subject to change without notice. Consult Tyco Electronics for the latest dimensions and design specifications.

Co-branded items created by the distributor

When online and offline co-branded marketing materials are created by the distributor, the distributor logo will appear as the masterbrand, using the TE authorized distributor logo as a sub-brand. Those materials will not contain TE templates, fonts or graphic elements. You may use TE approved images.

All co-branded marketing materials must be approved by the TE Distribution Team before being published by the distributor.

Distributor Name and
TE Connectivity
help you micro-manage
your world.

1. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut laoreet dolore magna aliquam erat volutpat. Ut wisi enim ad minim veniam, quis nostrud exerci tation ullamcorper susat vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te feugait facilisi.

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4.

Distributor Logo

1800 555 1234 • www.distributorname.com

The logo consists of the TE Connectivity wordmark in blue and orange, followed by the text "Authorized Distributor" in a smaller, italicized font.

Co-Branded Distributor Catalog Pages

Internal catalog pages can use the TE Connectivity logo without the authorized distributor tag when space is limited. Product brand names should appear as text with descriptors and not as logos. See examples below.

Incorrect Page Example

FILTERS, INTERCONNECT PRODUCTS & RELAYS

RFI FILTERS • CABLE-TO-CABLE – FLAT RIBBON • PLUG-IN/INDUSTRIAL

T SERIES RFI FILTERS

KH SERIES SOCKET- AND PANEL-MOUNT RELAYS

Indicates RoHS Compliant

4PDT relays available with AC or DC operation. Suffix "N" in mfg. part no. indicates neon lamp. Suffix "L" in mfg. part no. indicates LED indicator. KHAU series relays are the same as KHU series, but manufactured on an automated production line. Solder terminals. 1.281H x 0.910W x 1.159D. Order sockets separately; see the Relay Socket Usage Guide visit Newark.com online. UL recognized, CSA certified.

T series ET models provide superior common-mode and differential-mode attenuation at a small package. These filters are effective for very noisy equipment that must meet the emission limits of FCC Parts 15 and 18, or VDE 0871 A-level. In some instances, these filters can help bring equipment into compliance with VDE 0871 B-level. Meets the low leakage current requirements of IEC 60950-1 and UL 60950-1. Order line-to-ground for ET models at 120VAC/60Hz is 0.30mA, at 250VAC/50Hz is 0.50mA. Use line-to-ground (2250VDC hipot rating) and line-to-line (1450VDC hipot rating) application. UL recognized, CSA certified.

Mfg. Part No.	D x H x W	Amps	Stock No.	Price Each
3ET1	3.56 x 1.81 x 2.15"	3	52K4499	41.94 37.35
6ET1	3.56 x 1.81 x 2.15"	6	52K4500	38.18 36.08
6ET2	2.55 x 1.81 x 2.15"	6	52K3871	42.36 38.18
6ET3	3.56 x 1.81 x 2.15"	6	52K4509	37.58 33.47
10ET1	4.69 x 1.80 x 2.27"	10	52K5001	54.12 48.19
15ET6	5.95 x 2.18 x 3.96"	15	52K3308	84.54 76.19
15EHT1	5.45 x 2.18 x 3.12"	15	52K4267	84.40 72.94
10VT1	4.69 x 1.80 x 2.27"	10	52K3874	61.19 55.15
15VT1	5.45 x 2.18 x 3.96"	15	52K3875	80.49 72.54

CONTACT MATERIAL: GOLD DIFFUSED SILVER

Do not use product brand logos. The product brand names can be used in a text format and must have a descriptor following the name. Do not crowd the TE Connectivity logo with other graphics or photos on the page.

AMP-LATCH® EJECTION-STYLE PIN

CONTACT MATERIAL: SILVER w/GOLD OVERLAY

Mfg. Part No.	Positions	Stock No.	1-9	10-24	25-49	50-99	Price Each
1KHAU-1712-12	1	4PDT	24VDC	650	16M9062	29.22	
1KHAU-1712-16	1	4PDT	120VAC	3900	94F041	35.41	
1KHAU-1712-12	1	4PDT	12VDC	160	18M9120	12.76	
1KHAU-1712-16	1	4PDT	24VAC	160	16M0045	10.63	
1KHAU-1712-12	1	4PDT	24VDC	650	16M9053	12.76	
1KHAU-1712-16	1	4PDT	120VAC	3900	90F1129	17.71	

CONTACT MATERIAL: SILVER-CADMIUM OXIDE

Mfg. Part No.	Positions	Stock No.	1-9	10-24	25-49	50-99	Price Each
1KHAU-17012-12	5	4PDT	48VDC	1	08H1510	10.64	
1KHAU-1713-120	2	4PDT	120VAC	...	16M9057	79.69	
1KHU-17012-12	5	4PDT	12VDC	160	95F8880	24.81	
1KHU-17012-12	5	4PDT	24VDC	650	45F040	24.81	
1KHU-17012-24	5	4PDT	24VDC	1	50B6771	35.41	
1KHU-1712-120	5	4PDT	120VAC	3900	29M9047	49.44	
1KHAU-1712-12	2	4PDT	24VDC	650	16M9052	31.66	
1KHAU-1713-120	2	4PDT	120VAC	...	87F1108	32.54	
1KHAU-17A11H-	3	4PDT	120VAC	3900	94B6166	10.94	
1KHAU-11D12-12	5	DPDT	12VDC	160	18M9119	7.09	
1KHAU-17012-12	5	4PDT	48VDC	160	20M7019	7.09	
1KHAU17A12-24	5	4PDT	24VAC	43	98B3162	7.09	
1KHAU-17012-12	5	4PDT	24VDC	650	16M9051	7.09	
1KHAU-17D12-48	5	4PDT	48VDC	1	87F1119	7.98	
1KHAU-17D12-110	5	4PDT	110VDC	11000	87F1120	7.40	
1KHAU-17A12-	5	4PDT	120VAC	3900	87F1107	7.09	
1KHAU-17011-24	3	4PDT	24VDC	650	16M9118	7.98	
1KHAE-17012-24	5	4PDT	24VDC	650	90F1127	7.98	

ACCESSORIES FOR EJECTION-STYLE PIN HEADERS

Mfg. Part No.	Description	Stock No.	1-9	10-24	25-49	50-99	Price Each
102321-1	Latch for Recessed Cover	90F5236	0.37	0.33			
102320-1	Latch for Recessed Cover with Strain Relief	90F5237	0.38	0.34			
499991-2	Military Polarizer (For Pin Connectors)	90F7584	2.15	1.93			

Distributor Logo

Correct Page Example

FILTERS, INTERCONNECT PRODUCTS & RELAYS

RFI FILTERS • CABLE-TO-CABLE – FLAT RIBBON • PLUG-IN/INDUSTRIAL RELAYS

CORCOM T SERIES RFI FILTERS

P&B KH SERIES SOCKET- AND PANEL-MOUNT RELAYS

Indicates RoHS Compliant

4PDT relays available with AC or DC operation. Suffix "N" in mfg. part no. indicates neon lamp. Suffix "L" in mfg. part no. indicates LED indicator. KHAU series relays are the same as KHU series, but manufactured on an automated production line. Solder terminals. 1.281H x 0.910W x 1.159D. Order sockets separately; see the Relay Socket Usage Guide visit Newark.com online. UL recognized, CSA certified.

Mfg. Part No.	Contact Rating (A)	Contacts	Coil Input Voltage	Coil Resist.	Stock No.	Price Each
1KHU-17A18-120	3	4PDT	120VAC	3900	16M9058	35.41
1KHU-17018-24	3	4PDT	24VDC	...	16M9063	29.22

T series ET models provide superior common-mode and differential-mode attenuation in a small package. These filters are effective for very noisy equipment that must meet the emission limits of FCC Parts 15 and 18, or VDE 0871 A-level. In some instances, these filters can help bring equipment into compliance with VDE 0871 B-level. Meets the low leakage current requirements of IEC 60950-1 and UL 60950-1. Order line-to-ground for ET models at 120VAC/60Hz is 0.30mA, at 250VAC/50Hz is 0.50mA. Use line-to-ground (2250VDC hipot rating) and line-to-line (1450VDC hipot rating) application. UL recognized, CSA certified.

Mfg. Part No.	D x H x W	Amps	Stock No.	Price Each
1-3ET1	3.56 x 1.81 x 2.15"	3	52K4499	41.94 37.35
1-6ET1	3.56 x 1.81 x 2.15"	6	52K4500	38.18 36.08
1-6ET2	2.55 x 1.81 x 2.15"	6	52K3871	42.36 38.18
1-6ET3	3.56 x 1.81 x 2.15"	6	52K4509	37.58 33.47
1-10ET1	4.69 x 1.80 x 2.27"	10	52K5001	54.12 48.19
1-15ET6	5.95 x 2.18 x 3.96"	15	52K3308	84.54 76.19
1-15EHT1	5.45 x 2.18 x 3.12"	15	52K4267	84.40 72.94
1-10VT1	4.69 x 1.80 x 2.27"	10	52K3874	61.19 55.15
1-15VT1	5.45 x 2.18 x 3.96"	15	52K3875	80.49 72.54

CONTACT MATERIAL: SILVER

Mfg. Part No.	D x H x W	Amps	Stock No.	Price Each
1-3ET1	3.56 x 1.81 x 2.15"	3	52K4499	41.94 37.35
1-6ET1	3.56 x 1.81 x 2.15"	6	52K4500	38.18 36.08
1-6ET2	2.55 x 1.81 x 2.15"	6	52K3871	42.36 38.18
1-6ET3	3.56 x 1.81 x 2.15"	6	52K4509	37.58 33.47
1-10ET1	4.69 x 1.80 x 2.27"	10	52K5001	54.12 48.19
1-15ET6	5.95 x 2.18 x 3.96"	15	52K3308	84.54 76.19
1-15EHT1	5.45 x 2.18 x 3.12"	15	52K4267	84.40 72.94
1-10VT1	4.69 x 1.80 x 2.27"	10	52K3874	61.19 55.15
1-15VT1	5.45 x 2.18 x 3.96"	15	52K3875	80.49 72.54

CONTACT MATERIAL: SILVER w/GOLD OVERLAY

Mfg. Part No.	Positions	Stock No.	1-9	10-24	25-49	50-99	Price Each
1KHU-17011-6	3	4PDT	6VDC	40	16M9061	24.81	
1KHU-17A11-12	3	4PDT	12VAC	43	16M9054	28.34	
1KHU-17D11-12	3	4PDT	12VDC	160	45F036	8.86	
1KHU-17A11-24	3	4PDT	24VAC	160	16M9056	28.34	
1KHU-17011-110	3	4PDT	110VDC	11000	16M9059	35.41	
1KHU-17A11-120	3	4PDT	120VAC	3900	16M9055	28.34	
1KHU-17A11-120	3	4PDT	120VAC	3900	62F3038	35.41	
1KHU-1D11-24	3	DPDT	24VDC	650	87F1101	7.09	
1KHU-17A11-120	3	DPDT	120VAC	3900	90F1128	7.54	
1KHU-17011-6	3	4PDT	6VDC	40	16M9050	7.09	
1KHU-17A11-12	3	4PDT	12VAC	43	16M9041	7.09	
1KHU-17D11-12	3	4PDT	12VDC	160	16M9048	7.09	
1KHU-17A11-24	3	4PDT	24VAC	160	16M9043	7.09	
1KHU-17D11-24	3	4PDT	24VDC	650	87F1112	7.09	
1KHU-17011-110	3	4PDT	110VDC	11000	16M9047	7.98	
1KHU-17A11-120	3	4PDT	120VAC	3900	16M9042	7.98	
1KHU-17A11-120	3	4PDT	120VAC	3900	87F1106	7.94	
1KHU-17011-120	3	4PDT	120VAC	3900	16M9046	8.86	

AMP-LATCH® EJECTION-STYLE PIN HEADERS

Right-Angle

Straight-Thru

CONTACT MATERIAL: SILVER w/GOLD OVERLAY

Mfg. Part No.	Positions	Stock No.	1-9	10-24	25-49	50-99	Price Each
1KHU-17D12-1	1	4PDT	24VDC	650	16M9062	29.22	
1KHU-17A16-120	1	4PDT	120VAC	3900	94F041	35.41	
1KHU-17D16-12	1	4PDT	12VDC	160	18M9120	12.76	
1KHU-17A16-24	1	4PDT	24VAC	160	16M9045	10.63	
1KHU-17D16-24	1	4PDT	24VDC	650	16M9053	12.76	
1KHU-17A16-120	1	4PDT	120VAC	3900	90F1129	17.71	

CONTACT MATERIAL: SILVER-CADMIUM OXIDE

Mfg. Part No.	Positions	Stock No.	1-9	10-24	25-49	50-99	Price Each
1KHU-17012-12	5	4PDT	48VDC	1	08H1510	10.64	
1KHU-17A13-120	2	4PDT	120VAC	...	16M9057	79.69	
1KHU-17D12-12	5	4PDT	12VDC	160	95F8880	24.81	
1KHU-17D12-24	5	4PDT	24VDC	650	45F040	24.81	
1KHU-17012-24	5	4PDT	24VDC	1	50B6771	35.41	
1KHU-17A12-120	5	4PDT	120VAC	3900	29M9047	49.44	
1KHU-17012-24	2	4PDT	24VDC	650	16M9052	31.66	
1KHU-17A13-120	2	4PDT	120VAC	...	87F1108	32.54	
1KHU-17A11H-	3	4PDT	120VAC	3900	94B6166	10.94	
1KHU-11D12-12	5	DPDT	120VAC	160	18M9119	7.09	
1KHU-17012-12	5	4PDT	48VDC	160	20M7019	7.09	
1KHU-17A12-24	5	4PDT	24VAC	43	98B3162	7.09	
1KHU-17D12-48	5	4PDT	48VDC	1	87F1119	7.98	
1KHU-17D12-110	5	4PDT	110VDC	11000	87F1120	7.40	
1KHU-17A12-	5	4PDT	120VAC	3900	87F1107	7.09	
1KHU-17011-24	3	4PDT	24VDC	650	90F7584	7.98	
1KHU-17D12-24	5	4PDT	24VDC	650	90F1127	7.98	

ACCESSORIES FOR EJECTION-STYLE PIN HEADERS

Mfg. Part No.	Description	Stock No.	1-9	10-24	Price Each
102321-1	Latch for Recessed Cover	90F5236	0.37	0.33	
102320-1	Latch for Recessed Cover with Strain Relief	90F5237	0.38	0.34	
1499991-2	Military Polarizer (For Pin Connectors)	90F7584	2.15	1.93	

Distributor Logo

TE sub-brands and trade names

Approved TE sub-brands and trade names may be used in online and offline marketing materials, but must appear as text with a descriptor and not in logo format.

Please check with your TE Connectivity Account Manager for proper sub-brand usage.

Sub-brand	Product Descriptor
P&B	High-performance Relays
AMP	High-speed Connectors
Raychem	Heat-shrinkable Tubing

TE & Distributor Co-Branded Promotional Items

Distributors may co-brand promotional items with the TE Connectivity logo. The distributor logo cannot be locked up with the TE Connectivity logo. Sufficient clear space must be around TE logo.

Whenever possible, use the spot color version of TE Connectivity logo with the gradient. We realize that this version will not work on all applications. If this is the case, you may use the solid version of the TE Connectivity logo, two color line version or one color version in black or white to provide the best possible representation of the TE Connectivity logo.

PREFERRED



ALTERNATE LOGOS



TE & Distributor Co-Branded Apparel

Apparel may be co-branded using our signature. The TE Connectivity logo must have the appropriate clear space around it and must not be locked up with any other logos as per the example. All co-branded items must be approved by the TE Distribution team.

