

XFP Cage Assemblies and Kits



SFP28

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Connectors > Pluggable IO Connectors & Cages

XFP cage assemblies and kits



Pluggable I/O Product Type: **Cage Assembly**

Data Rate (Max): **10 Gb/s**

Sealable: **Yes**

Number of Ports: **1**

Port Matrix Configuration: **1 x 1**

Features

Product Type Features

Cage Type	Single
Pluggable I/O Product Type	Cage Assembly
Sealable	Yes
Form Factor	XFP

Configuration Features

Number of Ports	1
Port Matrix Configuration	1 x 1

Electrical Characteristics

Data Rate (Max) (Gb/s)	10
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Body Features

Heat Sink Finish	Anodized Black, Electroless Nickel, Nickel
Heat Sink Height (mm)	6.5
Heat Sink Height (in)	.165, .208, .216, .255, .256, .315, .394, .453, .531
Heat Sink Height Class	Custom, Networking Tall, Networking, PCI, SAN
Heat Sink Style	Blade, Fin, Pin
Cage Plating Material	Tin

Primary Product Material	Aluminum
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Contact Features

Contact Mating Area Plating Material	Gold
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Contact Current Rating (Max) (A)	.5
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Termination Features

Termination Post & Tail Length (mm)	2.05
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Termination Post & Tail Length (in)	.08, .081
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Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Housing Features

Cage Material	Copper Alloy, Nickel Silver Alloy
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Housing Material	LCP (Liquid Crystal Polymer)
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Dimensions

Product Width (mm)	21.7, 22, 64.03, 65.53
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Product Width (in)	.854, 2.52
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Product Length (mm)	21.7, 64.03, 65.53, 75.5
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Product Length (in)	.854, 2.58
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Usage Conditions

Operating Temperature Range (°C)	-10 - 70
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Operating Temperature Range (°F)	-14 - 158, 14 - 158
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Operation/Application

Heat Sink Compatible	No, Yes
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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray, Tray
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Other

Pluggable I/O Connectors Comment	Insulating tape on bottom of cage., No elastomeric gasket., No elastomeric rear gasket.
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Included Lightpipe	No
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EMI Containment Feature Type	Elastomeric Gasket
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Reference Number

TE Internal Number

CAT-X29-C1171XN

SEE PRODUCTS ON NEXT PAGE

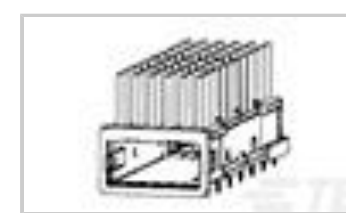
Products (1 of 5)



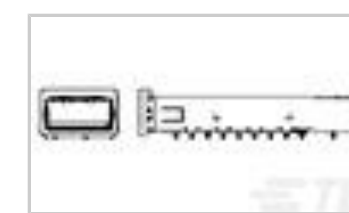
XFP CAGE ASSEMBLY



XFP KIT W/CAGE, CLIP, HEAT SINK, SAN



XFP Networking Kit(cage, clip, heatsink)



XFP CAGE ASSEMBLY w/o Elastomeric Gasket

TE Part #	2170435-1	1888116-1	1888065-1	1888101-1
Contact Current Rating (Max)				
Operating Temperature Range	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	SFP28	SFP28	SFP28	SFP28
Series	XFP	XFP	XFP	XFP

***EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

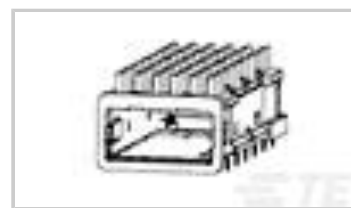
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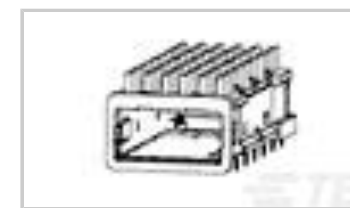
Products (2 of 5)



XFP KIT W/CAGE, CLIP,
HEAT SINK, PCI



XFP KIT W/CAGE, CLIP,
HEAT SINK, SAN



XFP Networking Kit(cage,
clip, heatsink)



XFP CAGE ASSEMBLY

TE Part #	1888116-2	1888481-2	1888481-3	2170620-1
Contact Current Rating (Max)				
Operating Temperature Range	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	SFP28	SFP28	SFP28	SFP28
Series	XFP	XFP	XFP	XFP

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Products (3 of 5)



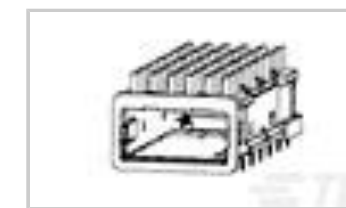
**XFP KIT W/CAGE, CLIP,
HEAT SINK**



**XFP CAGE ASSY W/
INSULATING TA**



XFP CAGE ASSEMBLY



**XFP KIT W/CAGE, CLIP,
HEAT SINK, PCI**

TE Part #	2170199-1	1658871-1	1489951-1	1888481-1
Contact Current Rating (Max)			.5 A	
Operating Temperature Range	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	SFP28	SFP28	SFP28	SFP28
Series	XFP	XFP	XFP	XFP

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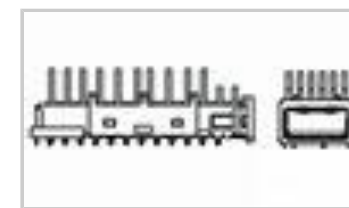
Products (4 of 5)



XFP CAGE ASSEMBLY, W/O INTERMEDIATE GSKT



XFP CAGE ASSY w/o ELASTOMERIC GASKET



XFP KIT ASSY, W/CAGE, CLIP, HEAT SINK



XFP KIT W/CAGE, CLIP, HEAT SINK

TE Part #	2303074-1	1658945-1	2170041-1	2170044-1
Contact Current Rating (Max)				
Operating Temperature Range	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53 /EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	SFP28	SFP28	SFP28	SFP28
Series	XFP	XFP	XFP	XFP

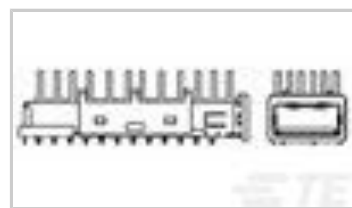
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Products (5 of 5)



XFP KIT W/CAGE, CLIP,
10mm HEAT SINK



XFP Networking Kit(cage,
clip, heatsink)



XFP Networking Kit(cage,
clip, heatsink)



XFP KIT W/CAGE, CLIP,
HEAT SINK, PCI

TE Part #	2170125-1	2170660-1	2170660-2	2303075-1
Contact Current Rating (Max)				
Operating Temperature Range	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C	-10 - 70 °C
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	Not Yet Reviewed for EU RoHS	EU RoHS Compliant with Exemptions
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	Not Yet Reviewed for EU ELV	EU ELV Compliant
Product Families	SFP28	SFP28	SFP28	SFP28
Series	XFP	XFP	XFP	XFP

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