

# CAIMEN FLEXIBLE TAPE CONNECTORS

LED TAPE ACCESSORY FOR USE WITH 8MM IP20 TAPE (CONNECTORS ARE NOT IP RATED)



## Key Features:

- Quick, clean and easy way to join and terminate LED Flexible Tape
- Suitable for use with 8mm, 10mm & 12mm PCBs
- Ideal for IP20 and IP65 tape without the need to remove PV coating
- Tape to tape and tape to wire versions available
- Suitable for 3528, 5050 & 2835 single colour LED Tape

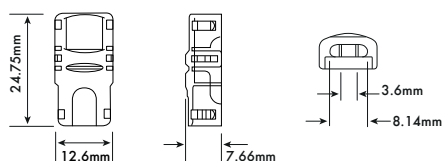
## CAM-F8-2-20 & CAM-F8-2-20-TT CONNECTORS FOR USE WITH 8MM IP20 TAPE

Part Code	CAM-F8-2-20	CAM-F8-2-20-TT
Pin Pitch	3.6mm	3.6mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	2	2
Housing Colour	Transparent / Black	Transparent / Black
Minimum LED Strip Thickness	>0.2mm	>0.2mm
Wire Gauge	22~18 AWG	22~18 AWG
Wire Cross Sectional Area	0.34~0.75 mm <sup>2</sup>	0.34~0.75 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces and 2M cable	5 pieces and 2M cable
Connector Dimensions	24.75 x 12.6 x 7.66mm	19.55 x 12.6 x 7.66mm

NOTE: Products are tested under 25°C.

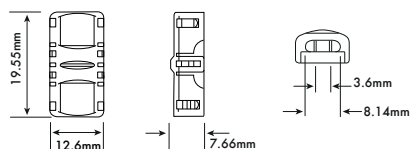
## Mechanical Diagrams

### CAM-F8-2-20



CAM-F8-2-20 & CAM-F8-2-20-TT

### CAM-F8-2-20-TT



PowerLed  
Orion House  
Calleva Park  
Aldermaston  
Berkshire  
RG7 8SN

Contact:  
Tel: 0118 9703856  
enquiries@powerled.uk.com  
www.powerled.uk.com



# CAIMEN FLEXIBLE TAPE CONNECTORS

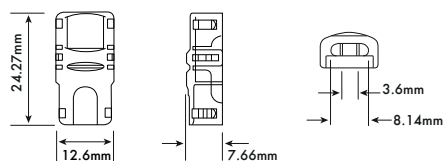
LED TAPE ACCESSORY FOR USE WITH 8MM IP65 TAPE (CONNECTORS ARE NOT IP RATED)

## CAM-F8-2-65 & CAM-TT-F8-2-65-TT CONNECTORS FOR USE WITH 8MM IP65 TAPE

Part Code	CAM-F8-2-65	CAM-TT-F8-2-65-TT
Pin Pitch	3.6mm	3.6mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	2	2
Housing Colour (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Strip Thickness	>2.2mm	>2.2mm
Wire Gauge	22~18 AWG	22~18 AWG
Wire Cross Sectional Area	0.34~0.75 mm <sup>2</sup>	0.34~0.75 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces and 2M cable	5 pieces and 2M cable
Connector Dimensions	24.27 x 12.6 x 7.66mm	19.55 x 12.6 x 7.66mm

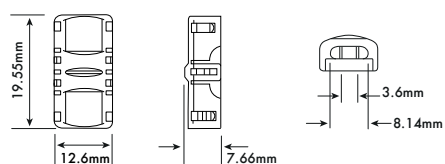
### Mechanical Diagrams

#### CAM-F8-2-65



CAM-F8-2-65 & CAM-F8-2-65-TT

#### CAM-F8-2-65-TT



# CAIMEN FLEXIBLE TAPE CONNECTORS

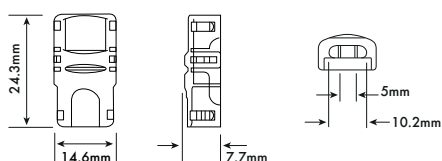
LED TAPE ACCESSORY FOR USE WITH 10MM IP20 TAPE (CONNECTORS ARE NOT IP RATED)

## CAM-F10-2-20 & CAM-F10-2-20-TT CONNECTORS FOR USE WITH 10MM IP20 TAPE

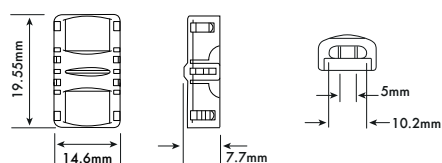
Part Code	CAM-F10-2-20	CAM-F10-2-20-TT
Pin Pitch	5mm	5mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	2	2
Housing Color (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Strip Thickness	>0.2mm	>0.2mm
Wire Gauge	22~18 AWG	22~18 AWG
Wire Cross Sectional Area	0.34~0.75 mm <sup>2</sup>	0.34~0.75 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces and 2M cable	5 pieces and 2M cable
Connector Dimensions	24.3 x 14.6 x 7.7mm	19.55 x 14.6 x 7.7mm

### Mechanical Diagrams

#### CAM-F10-2-20



#### CAM-F10-2-20-TT



PowerLed  
Orion House  
Calleva Park  
Aldermaston  
Berkshire  
RG7 8SN

Contact:  
Tel: 0118 9703856  
enquiries@powerled.uk.com  
www.powerled.uk.com



# CAIMEN FLEXIBLE TAPE CONNECTORS

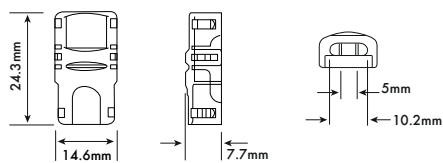
LED TAPE ACCESSORY FOR USE WITH 10MM IP65 TAPE (CONNECTORS ARE NOT IP RATED)

## CAM-F10-2-65 & CAM-F10-2-65-TT CONNECTORS FOR USE WITH 10MM IP65 TAPE

Part Code	CAM-F10-2-65	CAM-F10-2-65-TT
Pin Pitch	5.0mm	5.0mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	2	2
Housing Colour (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Tape Thickness	>2.2mm	>2.2mm
Wire Gauge	22~18 AWG	22~18 AWG
Wire Cross Sectional Area	0.34~0.75 mm <sup>2</sup>	0.34~0.75 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces and 2M cable	5 pieces and 2M cable
Connector Dimensions	24.3 x 14.6 x 7.7mm	19.55 x 14.6 x 7.7mm

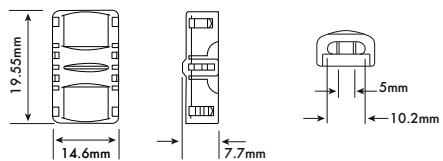
### Mechanical Diagrams

#### CAM-F10-2-65



CAM-F10-2-65 & CAM-F10-2-65-TT

#### CAM-F10-2-65-TT



PowerLed  
Orion House  
Calleva Park  
Aldermaston  
Berkshire  
RG7 8SN

Contact:  
Tel: 0118 9703856  
enquiries@powerled.uk.com  
www.powerled.uk.com



# CAIMEN FLEXIBLE TAPE CONNECTORS

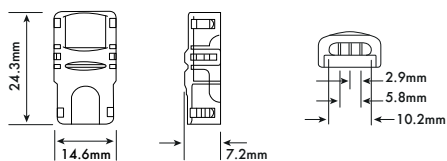
LED TAPE ACCESSORY FOR USE WITH 10MM IP20 TUNEABLE TAPE (CONNECTORS ARE NOT IP RATED)

## CAM-F10-3-20 & CAM-F10-3-20-TT CONNECTORS FOR USE WITH 10MM IP20 TUNEABLE TAPE

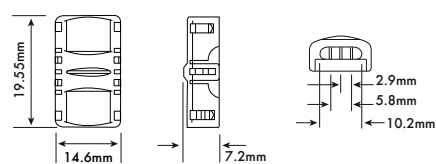
Part Code	CAM-F10-3-20	CAM-F10-3-20-TT
Pin Pitch	2.9mm	2.9mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	3	3
Housing Colour (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Tape Thickness	>0.2mm	>0.2mm
Wire Gauge	22~20 AWG	22~20 AWG
Wire Cross Sectional Area	0.34~0.5 mm <sup>2</sup>	0.34~0.5 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces and 2M cable	5 pieces and 2M cable
Connector Dimensions	24.3 x 14.6 x 7.2mm	19.55 x 14.6 x 7.2mm

### Mechanical Diagrams

#### CAM-F10-3-20



#### CAM-F10-3-20-TT



PowerLed  
Orion House  
Calleva Park  
Aldermaston  
Berkshire  
RG7 8SN

Contact:  
Tel: 0118 9703856  
enquiries@powerled.uk.com  
www.powerled.uk.com



# CAIMEN FLEXIBLE TAPE CONNECTORS

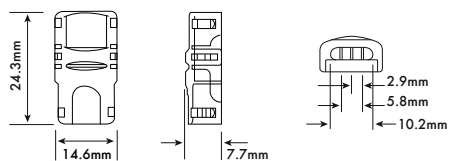
LED TAPE ACCESSORY FOR USE WITH 10MM IP65 TUNEABLE TAPE (CONNECTORS ARE NOT IP RATED)

## CAM-F10-3-65 & CAM-F10-3-65-TT CONNECTORS FOR USE WITH 10MM IP65 TUNEABLE TAPE

Part Code	CAM-F10-3-65	CAM-F10-3-65-TT
Pin Pitch	2.9mm	2.9mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	3	3
Housing Colour (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Tape Thickness	>2.2mm	>2.2mm
Wire Gauge	22~18 AWG	22~18 AWG
Wire Cross Sectional Area	0.34~0.75 mm <sup>2</sup>	0.34~0.75 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces and 2M cable	5 pieces and 2M cable
Connector Dimensions	24.3 x 14.6 x 7.7mm	19.55 x 14.6 x 7.7mm

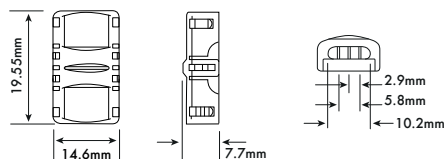
### Mechanical Diagrams

#### CAM-F10-3-65



CAM-F10-3-65 & CAM-F10-3-65-TT

#### CAM-F10-3-65-TT



# CAIMEN FLEXIBLE TAPE CONNECTORS

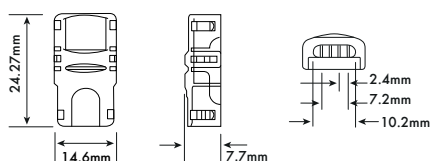
LED TAPE ACCESSORY FOR USE WITH 10MM IP20 RGB TAPE (CONNECTORS ARE NOT IP RATED)

## CAM-F10-RGB-20 & CAM-F10-RGB-20-TT CONNECTORS FOR USE WITH 10MM IP20 RGB TAPE

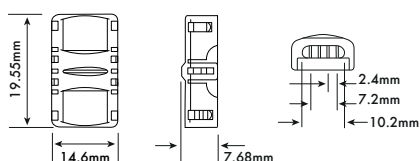
Part Code	CAM-F10-RGB-20	CAM-F10-RGB-20-TT
Pin Pitch	2.5 mm	2.5 mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	4	4
Housing Colour (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Tape Thickness	>0.2mm	>0.2mm
Wire Gauge	22~20 AWG	22~20 AWG
Wire Cross Sectional Area	0.34~0.5 mm <sup>2</sup>	0.34~0.5 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces	5 pieces
Connector Dimensions	24.27 x 14.6 x 7.7mm	19.55 x 14.6 x 7.68mm

### Mechanical Diagrams

#### CAM-F10-RGB-20



#### CAM-F10-RGB-20-TT



# CAIMEN FLEXIBLE TAPE CONNECTORS

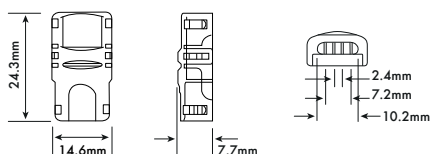
LED TAPE ACCESSORY FOR USE WITH 10MM IP65 RGB TAPE (CONNECTORS ARE NOT IP RATED)

## CAM-F10-RGB-65 & CAM-F10-RGB-65-TT CONNECTORS FOR USE WITH 10MM IP65 RGB TAPE

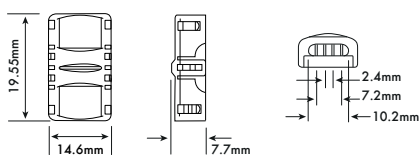
Part Code	CAM-F10-RGB-65	CAM-F10-RGB-65-TT
Pin Pitch	2.4mm	2.4mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	4	4
Housing Colour (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Strip Thickness	>2.2mm	>2.2mm
Wire Gauge	22~18 AWG	22~18 AWG
Wire Cross Sectional Area	0.34~0.75 mm <sup>2</sup>	0.34~0.75 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces	5 pieces
Connector Dimensions	24.3 x 14.6 x 7.7mm	19.55 x 14.6 x 7.7mm

### Mechanical Diagrams

#### CAM-F10-RGB-65



#### CAM-F10-RGB-65-TT





# CAIMEN FLEXIBLE TAPE CONNECTORS

LED TAPE ACCESSORY FOR USE WITH 12MM IP20 RGB+W TAPE (CONNECTORS ARE NOT IP RATED)

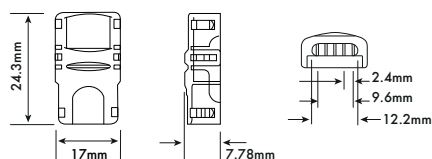
## CAM-F12-RGB+W-20 & CAM-F12-RGB+W-20-TT CONNECTORS FOR USE WITH 12MM IP20 RGB+W TAPE

Part Code	CAM-F12-RGB+W-20	CAM-F12-RGB+W-20-TT
Pin Pitch	2.4mm	2.4mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	5	5
Housing Colour (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Tape Thickness	>0.2mm	>0.2mm
Wire Gauge	22 AWG	22 AWG
Wire Cross Sectional Area	0.34 mm <sup>2</sup>	0.34 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces and 2M cable*	5 pieces and 2M cable*
Connector Dimensions	24.3 x 17 x 7.78mm	19.55 x 17 x 7.78mm

\*The colour sequence of colour supplied, may not match the order of the colours on the tape.

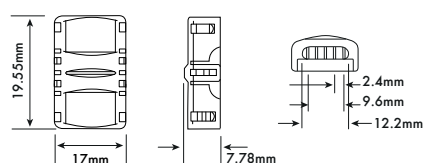
### Mechanical Diagrams

#### CAM-F12-RGB+W-20



CAM-F12-RGB+W-20 & CAM-F12-RGB+W-20-TT

#### CAM-F12-RGB+W-20-TT



# CAIMEN FLEXIBLE TAPE CONNECTORS

LED TAPE ACCESSORY FOR USE WITH 12MM IP65 RGB+W TAPE (CONNECTORS ARE NOT IP RATED)

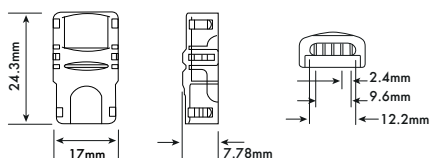
## CAM-F12-RGB+W-65 & CAM-F12-RGB+W-65-TT CONNECTORS FOR USE WITH 12MM IP65 RGB+W TAPE

Part Code	CAM-F12-RGB+W-65	CAM-F12-RGB+W-65-TT
Pin Pitch	2.4mm	2.4mm
Voltage	DC3V~24V	DC3V~24V
Rated Current	5A	5A
Polarity QTY	5	5
Housing Colour (cap/base)	Transparent / Black	Transparent / Black
Minimum LED Tape Thickness	>2.2mm	>2.2mm
Wire Gauge	22~18 AWG	22~18 AWG
Wire Cross Sectional Area	0.34~0.75 mm <sup>2</sup>	0.34~0.75 mm <sup>2</sup>
Wire OD	Max 2.1 mm	Max 2.1 mm
Housing Material	PC	
Pin Material	Phosphor Copper (Cu)	
Flame Retardant Level	UL94V-0	
Pack Quantity	5 pieces and 2M cable*	5 pieces and 2M cable*
Connector Dimensions	24.3 x 17 x 7.78mm	19.55 x 17 x 7.78mm

\*The colour sequence of colour supplied, may not match the order of the colours on the tape.

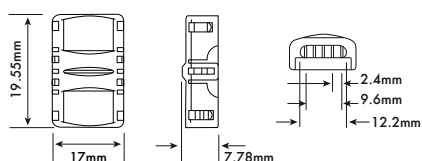
### Mechanical Diagrams

#### CAM-F12-RGB+W-65



CAM-F12-RGB+W-65 & CAM-F12-RGB+W-65-TT

#### CAM-F12-RGB+W-65-TT



PowerLed  
Orion House  
Calleva Park  
Aldermaston  
Berkshire  
RG7 8SN

Contact:  
Tel: 0118 9703856  
enquiries@powerled.uk.com  
www.powerled.uk.com

