

SOLDERLESS CONNECTORS

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



Key Features:

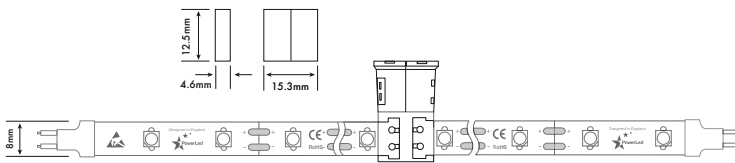
- Quick, clean and easy way to join and terminate LED Flexible Tape
- Suitable for use with 8mm, 10mm & 12mm PCBs
- Ideal for IP20 & IP65 rated LED tape
- Tail cable, joining connector or wire connector for multiple configuration options
- Suitable for 3528, 5050, 2835 single colour, RGB & RGB+W LED tape

8C-2-20, 8C8-2-20 & 8W8-2-20 CONNECTORS FOR USE WITH IP20 TAPE

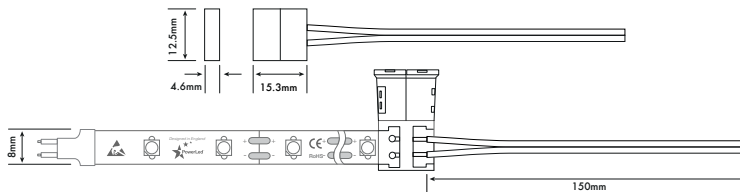
Part Code	8C-2-20	8C8-2-20	8W8-2-20
Pin Pitch	3.6mm	3.6mm	3.6mm
Voltage	DC3V~24V	DC3V~24V	DC3V~24V
Rated Current	3A	3A	3A
Polarity QTY	2	2	2
Housing Colour	White	White	White
Minimum LED Tape Thickness	>0.2mm	>0.2mm	>0.2mm
Standard Wire Length	15CM (Customised wire length is acceptable)		
Wire Gauge	22~20 AWG	22~20 AWG	22~20 AWG
Wire Cross Sectional Area	0.34~0.5 mm ²		
Housing Material	Nylon66		
Pin Material	Phosphor Copper (Cu)		
Flame Retardant Level	UL94V-0		
Wire Colour Order	Black & Red		
Pack Quantity	5 pieces	2 pieces	2 pieces
Connector Dimensions	12.5 x 15.3 x 4.6mm		

Mechanical Diagrams

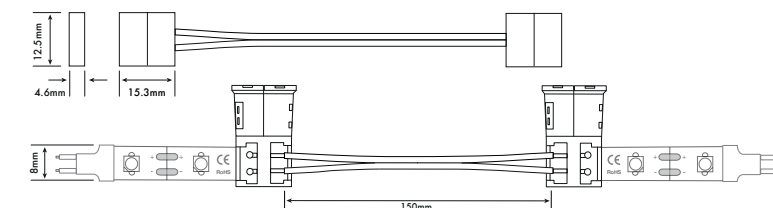
8C-2-20



8C8-2-20



8W8-2-20



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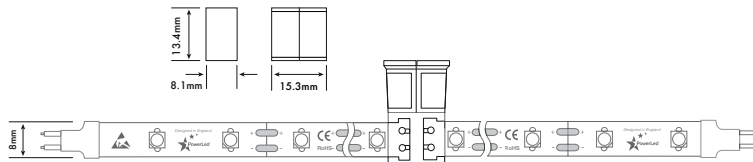
LED TAPE ACCESSORY FOR USE WITH IP65 TAPE (CONNECTORS ARE NOT IP RATED)

8C-2-65, 8C8-2-65 & 8W8-2-65 CONNECTORS FOR USE WITH IP65 TAPE

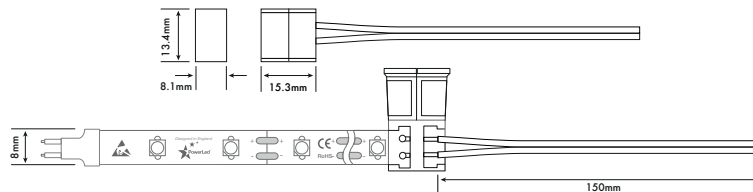
Part Code	8C-2-65	8C8-2-65	8W8-2-65
Pin Pitch	3.5mm	3.5mm	3.5mm
Voltage	DC3V~24V	DC3V~24V	DC3V~24V
Rated Current	5A	5A	5A
Polarity QTY	2	2	2
Housing Colour	White	White	White
Minimum Tape PCB Thickness	>0.2mm	>0.2mm	>0.2mm
Minimum LED Tape Height	3.0mm	3.0mm	3.0mm
Height of Pin	2.25mm	2.25mm	2.25mm
Standard Wire Length	15CM (Customised wire length is acceptable)		
Wire Gauge	22~20 AWG	22~20 AWG	22~20 AWG
Wire Cross Sectional Area	0.34~0.5 mm ²		
Housing Material	Nylon66		
Pin Material	Phosphor Copper (Cu)		
Flame Retardant Level	UL94V-0		
Wire Colour Order	Black & Red		
Pack Quantity	5 pieces	2 pieces	2 pieces
Connector Dimensions	15.3 x 13.4 x 8.1mm		

Mechanical Diagrams

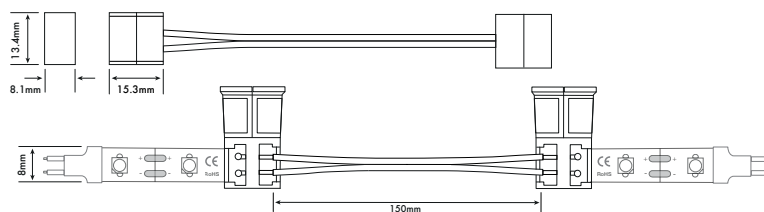
8C-2-65



8C8-2-65



8W8-2-65



SOLDERLESS CONNECTORS

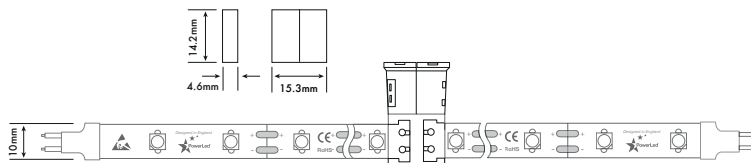
LED TAPE ACCESSORY FOR USE WITH IP20 TAPE (CONNECTORS ARE NOT IP RATED)

10C-2-20, 10C10-2-20 & 10W10-2-20 FOR USE WITH IP20 TAPE

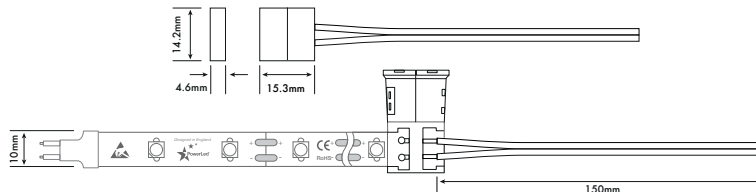
Part Code	10C-2-20	10C10-2-20	10W10-2-20
Pin Pitch	4.8mm	4.8mm	4.8mm
Voltage	DC3V~24V	DC3V~24V	DC3V~24V
Rated Current	3A	3A	3A
Polarity QTY	2	2	2
Housing Colour	White	White	White
Minimum LED Tape Thickness	>0.2mm	>0.2mm	>0.2mm
Standard Wire Length	15CM (Customised wire length is acceptable)		
Wire Gauge	22~20 AWG	22~20 AWG	22~20 AWG
Wire Cross Sectional Area	0.34~0.5 mm ²		
Housing Material	Nylon66		
Pin Material	Phosphor Copper (Cu)		
Flame Retardant Level	UL94V-0		
Wire Colour Order	Black & Red		
Pack Quantity	5 pieces	2 pieces	2 pieces
Connector Dimensions	14.2 x 15.3 x 4.6mm		

Mechanical Diagrams

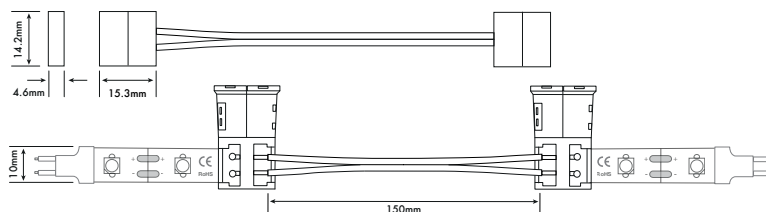
10C-2-20



10C10-2-20



10W10-2-20



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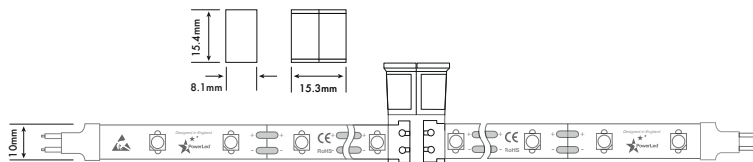
LED TAPE ACCESSORY FOR USE WITH IP65 TAPE (CONNECTORS ARE NOT IP RATED)

10C-2-65, 10C10-2-65 & 10W10-2-65 FOR USE WITH IP65 TAPE

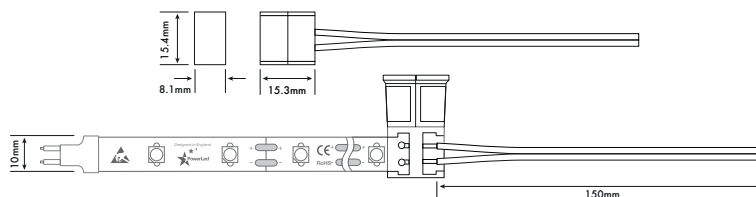
Part Code	10C-2-65	10C10-2-65	10W10-2-65
Pin Pitch	4.8mm	4.8mm	4.8mm
Voltage	DC3V~24V	DC3V~24V	DC3V~24V
Rated Current	5A	5A	5A
Polarity QTY	2	2	2
Housing Colour	White	White	White
Minimum Tape PCB Thickness	>0.2mm	>0.2mm	>0.2mm
Minimum LED Tape Height	3.0mm	3.0mm	3.0mm
Height of Pin	2.25mm	2.25mm	2.25mm
Standard Wire Length	15CM (Customised wire length is acceptable)		
Wire Gauge	22 AWG		
Wire Cross Sectional Area	0.34 mm ²		
Housing Material	Nylon66		
Pin Material	Phosphor Copper (Cu)		
Flame Retardant Level	UL94V-0		
Wire Colour Order	Black-Green-Red-Blue		
Pack Quantity	5 pieces	2 pieces	2 pieces
Connector Dimensions	15.3 x 15.4 x 8.1mm		

Mechanical Diagrams

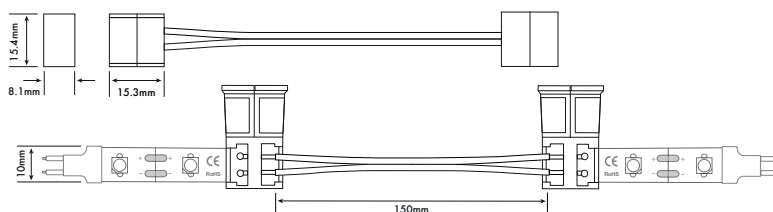
10C-2-65



10C10-2-65



10W10-2-65



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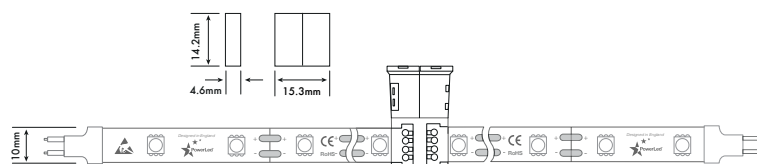
LED TAPE ACCESSORY FOR USE WITH IP20 TAPE (CONNECTORS ARE NOT IP RATED)

10C-RGB-20, 10C10-RGB-20 & 10W10-RGB-20 CONNECTORS FOR USE WITH IP20 TAPE

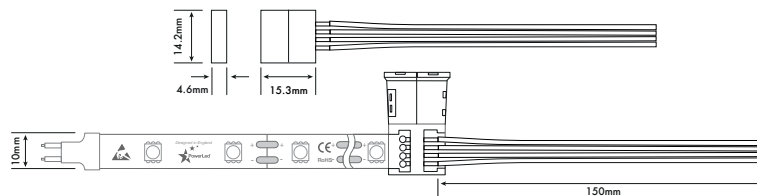
Part Code	10C-RGB-20	10C10-RGB-20	10W10-RGB-20
Pin Pitch	2.4mm	2.4mm	2.4mm
Voltage	DC3V~24V	DC3V~24V	DC3V~24V
Rated Current	3A	3A	3A
Polarity QTY	4	4	4
Housing Colour	White	White	White
Minimum LED Tape Thickness	>0.2mm	>0.2mm	>0.2mm
Standard Wire Length	15CM (Customised wire length is acceptable)		
Wire Gauge	22 AWG		
Wire Cross Sectional Area	0.34 mm ²		
Housing Material	Nylon66		
Pin Material	Phosphor Copper (Cu)		
Flame Retardant Level	UL94V-0		
Wire Colour Order	Black-Green-Red-Blue		
Pack Quantity	5 pieces	2 pieces	2 pieces
Connector Dimensions	14.2 x 15.3 x 4.6mm		

Mechanical Diagrams

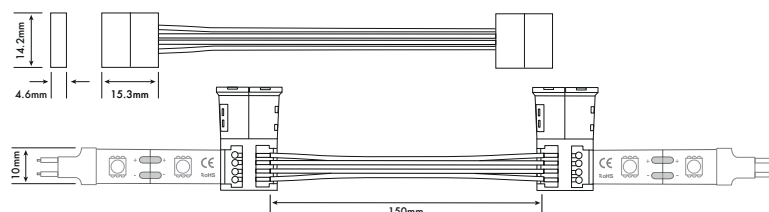
10C-RGB-20



10C10-RGB-20



10W10-RGB-20



SOLDERLESS CONNECTORS

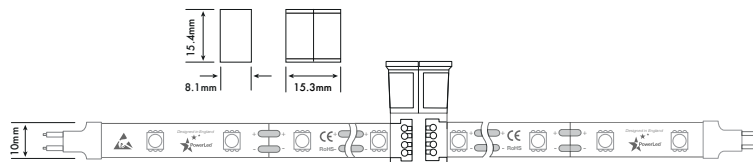
LED TAPE ACCESSORY FOR USE WITH IP65 TAPE (CONNECTORS ARE NOT IP RATED)

10C-RGB-65, 10C10-RGB-65 & 10W10-RGB-65 CONNECTORS FOR USE WITH IP65 TAPE

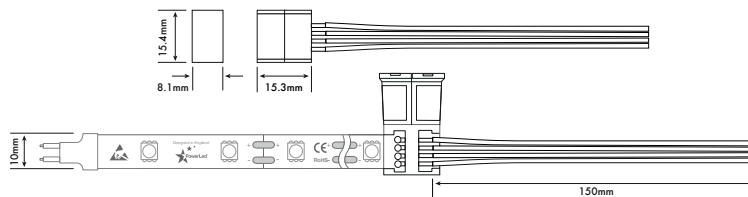
Part Code	10C-RGB-65	10C10-RGB-65	10W10-RGB-65
Pin Pitch	2.4mm	2.4mm	2.4mm
Voltage	DC3V~24V	DC3V~24V	DC3V~24V
Rated Current	5A	5A	5A
Polarity QTY	4	4	4
Housing Colour	White	White	White
Minimum Tape PCB Thickness	>0.2mm	>0.2mm	>0.2mm
Minimum LED Tape Height	3.0mm	3.0mm	3.0mm
Height of Pin	2.25mm	2.25mm	2.25mm
Standard Wire Length	15CM (Customised wire length is acceptable)		
Wire Gauge	22 AWG		
Wire Cross Sectional Area	0.34 mm ²		
Housing Material	Nylon66		
Pin Material	Phosphor Copper (Cu)		
Flame Retardant Level	UL94V-0		
Wire Colour Order	Black-Green-Red-Blue		
Pack Quantity	5 pieces	2 pieces	2 pieces
Connector Dimensions	15.3 x 15.4 x 8.1mm		

Mechanical Diagrams

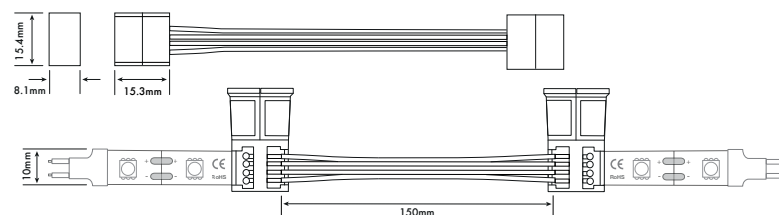
10C-RGB-65



10C10-RGB-65



10W10-RGB-65



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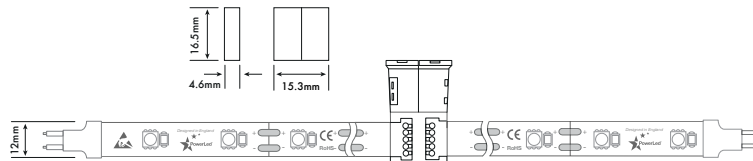
LED TAPE ACCESSORY FOR USE WITH IP20 TAPE (CONNECTORS ARE NOT IP RATED)

12C-RGB+W-20, 12C12-RGB+W-20 & 12W12-RGB+W-20 CONNECTORS FOR USE WITH IP20 TAPE

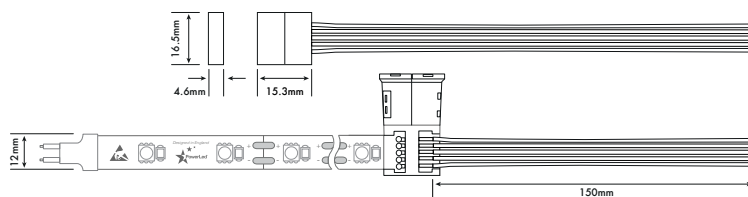
Part Code	12C-RGB+W-20	12C12-RGB+W-20	12W12-RGB+W-20
Pin Pitch	2.4mm	2.4mm	2.4mm
Voltage	DC3V~24V	DC3V~24V	DC3V~24V
Rated Current	3A	3A	3A
Pin QTY	5	5	5
Housing Colour	White	White	White
Minimum LED Tape Thickness	>0.2mm	>0.2mm	>0.2mm
Standard Wire Length	15CM (Customised wire length is acceptable)		
Wire Gauge	22 AWG	22 AWG	22 AWG
Wire Cross Sectional Area	0.34mm ²		
Housing Material	Nylon66		
Pin Material	Phosphor Copper (Cu)		
Flame Retardant Level	UL94V-0		
Wire Colour Order	Black-Green-Red-Blue-White (accept customisation)		
Pack Quantity	5 pieces	2 pieces	2 pieces
Connector Dimensions	16.5 x 15.3 x 4.6mm		

Mechanical Diagrams

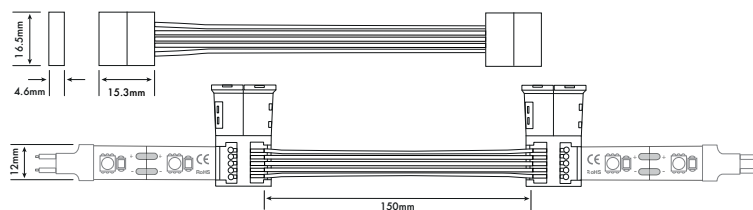
12C-RGB+W-20



12C12-RGB+W-20



12W12-RGB+W-20



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