



Renhotecpro.com
Professional Cable & Connector Manufacturer

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Renhotecpro.com is a department of Renhotec Group Ltd focus on professional connectors, cable assemblies for harsh environment, especial for Industrial or Military use. Our goals is to provide high performance connectors and cables with reliable quality and reasonable price.

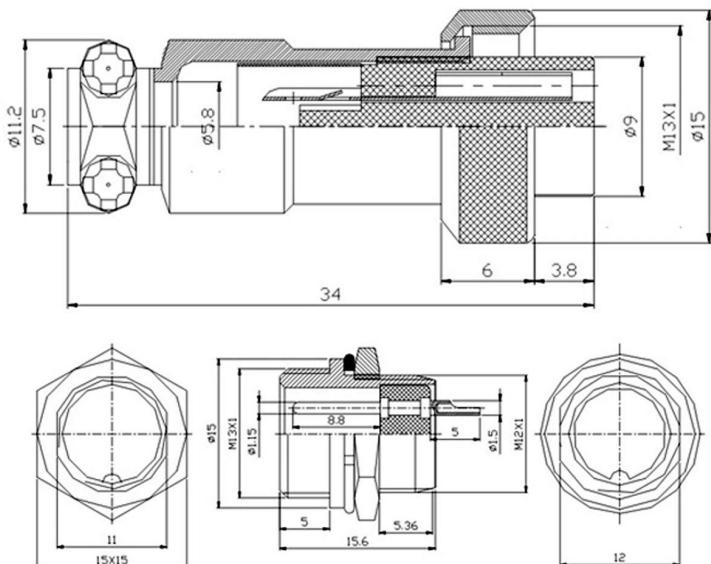


GX SERIES

AVIATION CONNECTOR

PRODUCT PRESENTATION

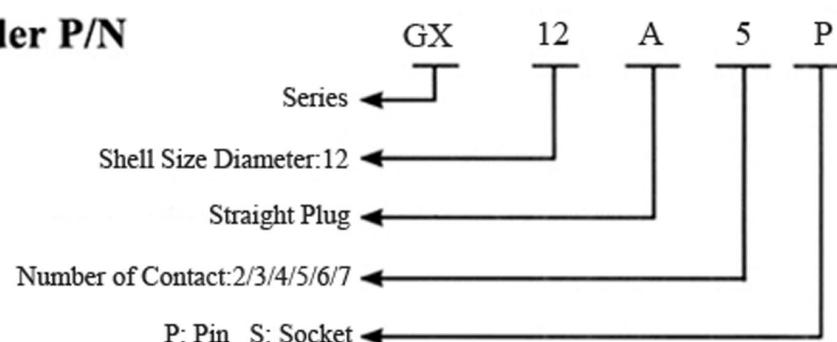
Renhotec GX12 Connector



Material and Specifications

Coupling	Threaded Coupling	Termination	Solder
Shell Material	Zinc Alloy with Nickel plated	Mating Cycle	500 Times
Insert Material	Bakelite	Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)	Cable Diameter	≤ Ø5.0mm
		Protection Degree	IP55
Core Number	2 Core	3 Core	4 Core
Contact Arrangement			
Contact Diameter, Number	Ø 1.2*2	Ø 1.2*3	Ø 1.2*4
Rated Current(A)	5	5	5
Working Voltage (AC,V,RMS)	250	250	250
			5
			250
			250

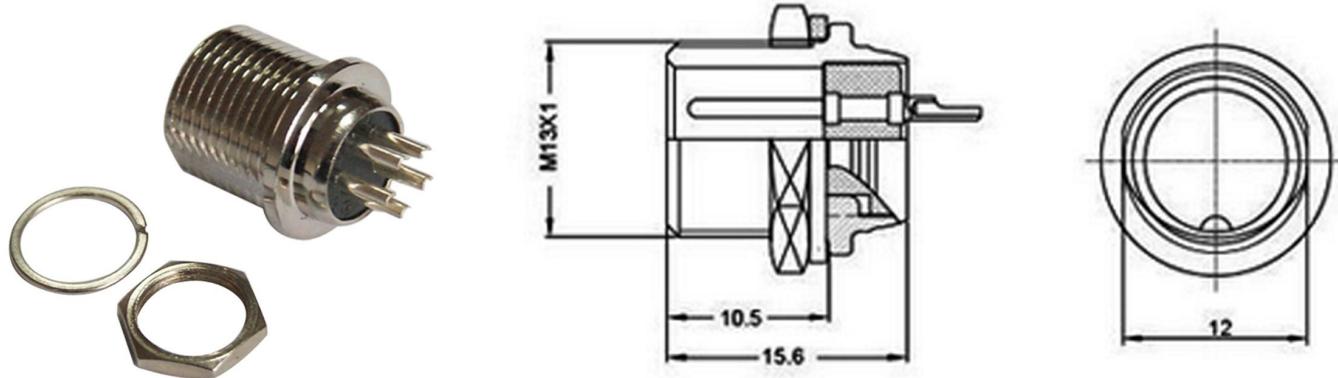
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

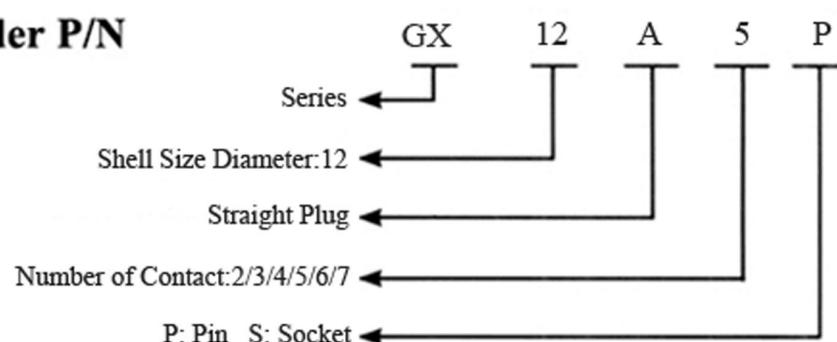
Renhotec GX12 Bulkhead Socket



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder	
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times	
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C	
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	$\leq \Phi 5.0\text{mm}$	
		Protection Degree	IP55		
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core
Contact Arrangement					
Contact Diameter, Number	$\Phi 1.2*2$	$\Phi 1.2*3$	$\Phi 1.2*4$	$\Phi 1.2*5$	$\Phi 1.2*6$
Rated Current(A)	5	5	5	5	5
Working Voltage (AC,V,RMS)	250	250	250	250	250

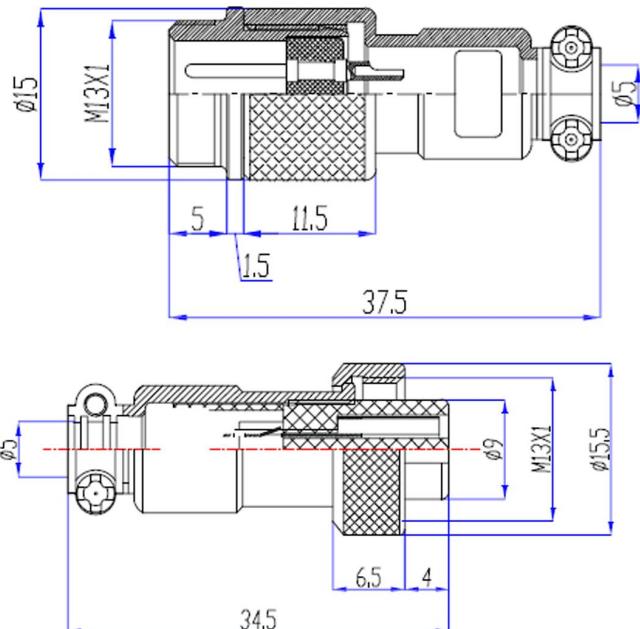
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

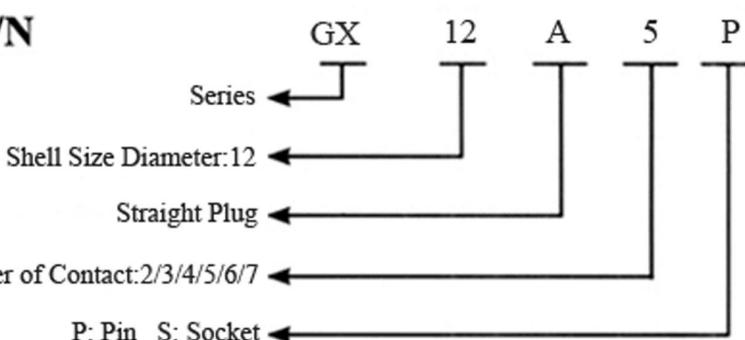
Renhotec GX12 Docking Cable Connector



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	≤ Ø5.0mm
			Protection Degree	IP55
Core Number	2 Core	3 Core	4 Core	5 Core
Contact Arrangement				
Contact Diameter, Number	Ø 1.2*2	Ø 1.2*3	Ø 1.2*4	Ø 1.2*5
Rated Current(A)	5	5	5	5
Working Voltage (AC,V,RMS)	250	250	250	250
Core Number	6 Core			
Contact Arrangement				
Contact Diameter, Number	Ø 1.2*6			
Rated Current(A)	5			
Working Voltage (AC,V,RMS)	250			

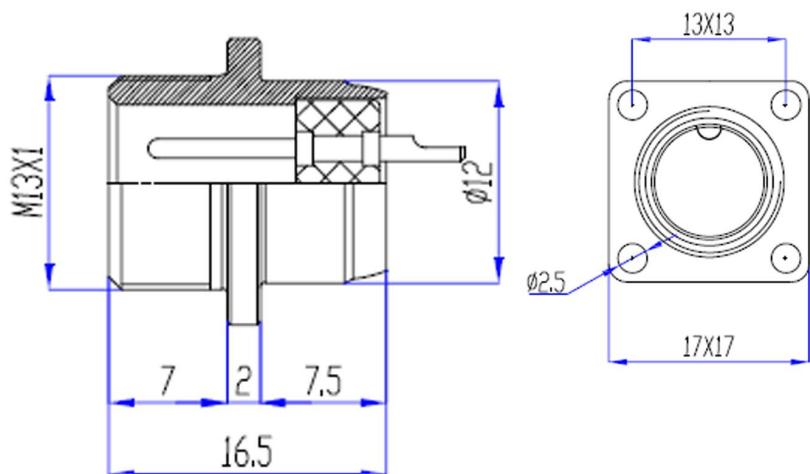
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

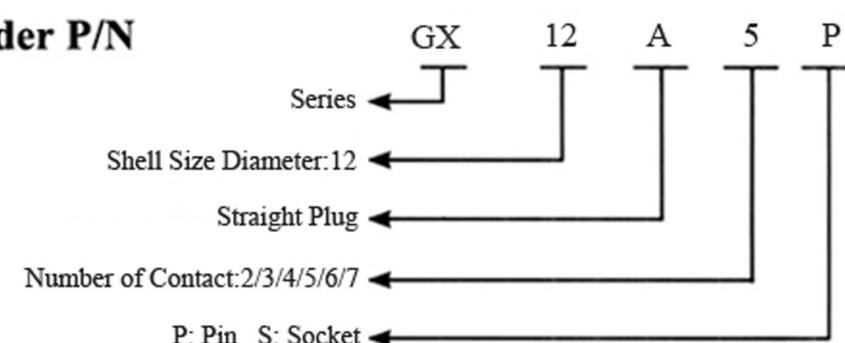
Renhotec GX12 Square Flange Connector



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	≤ Ø5.0mm
		Protection Degree	IP55	
Core Number	2 Core	3 Core	4 Core	5 Core
Contact Arrangement				
Contact Diameter, Number	Ø 1.2*2	Ø 1.2*3	Ø 1.2*4	Ø 1.2*5
Rated Current(A)	5	5	5	5
Working Voltage (AC,V,RMS)	250	250	250	250

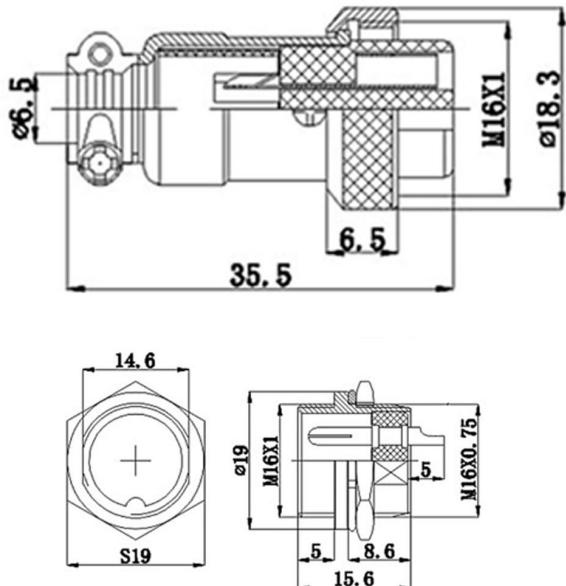
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

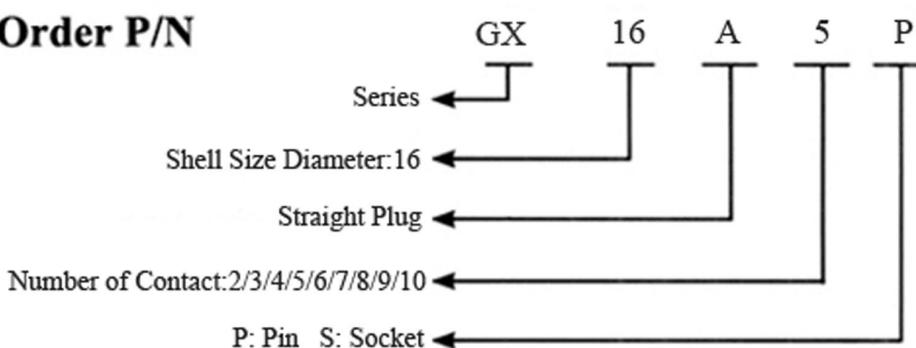
Renhotec GX16 Connector



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	Φ7.5mm- Φ8.5mm
				Protection Degree IP55
Core Number	2 Core	3 Core	4 Core	5 Core
Contact Arrangement				
Contact The Diameter,Number	φ2.5*2	φ2.5*3	φ2.5*4	φ2.5*5
Rated Current(A)	7	7	5	5
Working Voltage (AC,V,RMS)	250	250	250	250
				250

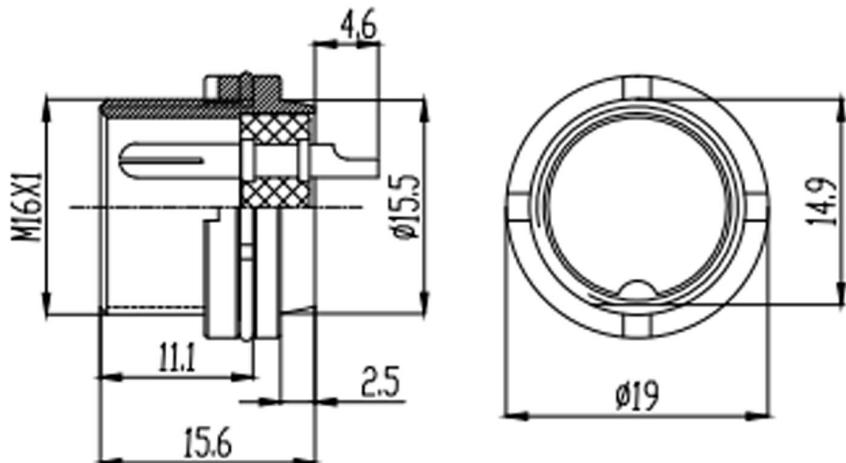
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

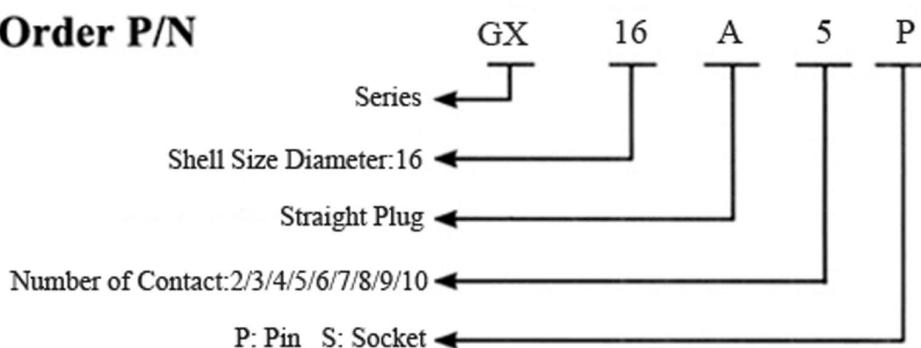
Renhotec GX16 Bulkhead Socket Connector



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	Ø7.5mm- ≤ Ø8.5mm
		Protection Degree	IP55	
Core Number	2 Core	3 Core	4 Core	5 Core
Contact Arrangement				
Contact The Diameter,Number	Ø2.5*2	Ø2.5*3	Ø2.5*4	Ø2.5*5
Rated Current(A)	7	7	5	5
Working Voltage (AC,V,RMS)	250	250	250	250
				250
				250

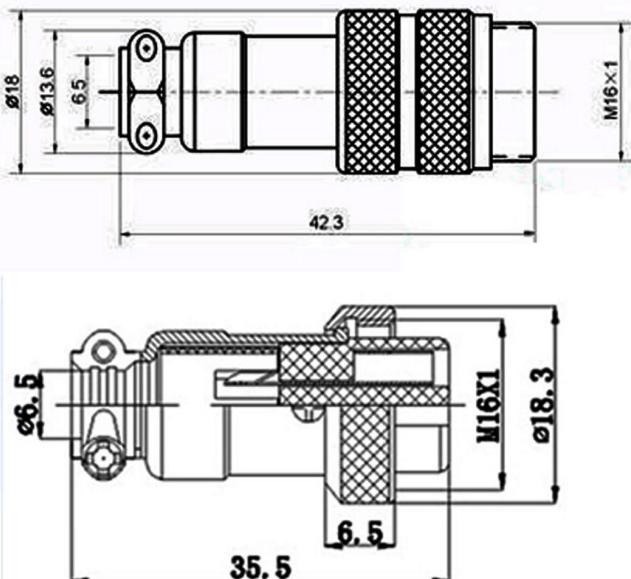
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

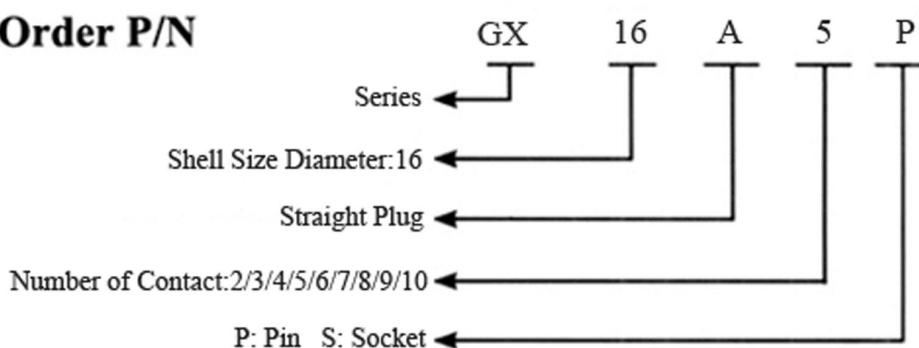
Renhotec GX16 Docking Cable Connector



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	Φ7.5mm- ≤Φ8.5mm
		Protection Degree	IP55	
Core Number	2 Core	3 Core	4 Core	5 Core
Contact Arrangement				
Contact The Diameter,Number	Ø2.5*2	Ø2.5*3	Ø2.5*4	Ø2.5*5
Rated Current(A)	7	7	5	5
Working Voltage (AC,V,RMS)	250	250	250	250
				250

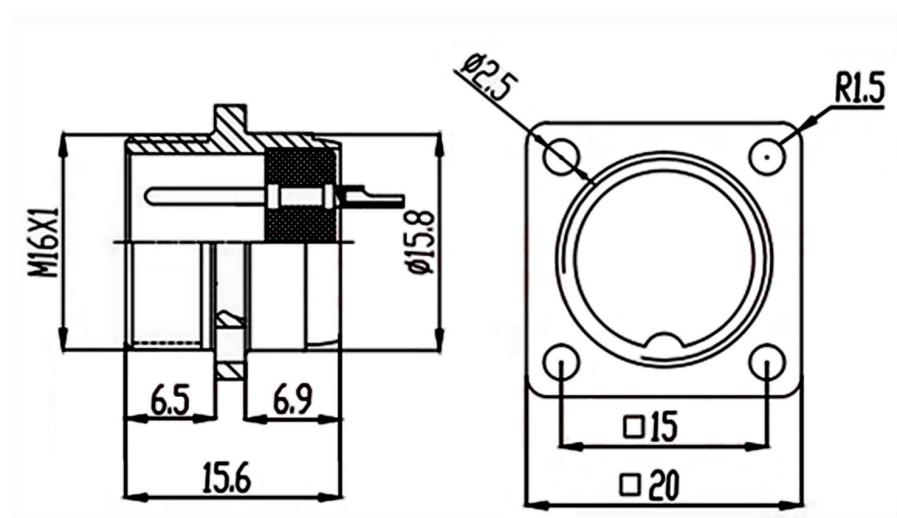
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

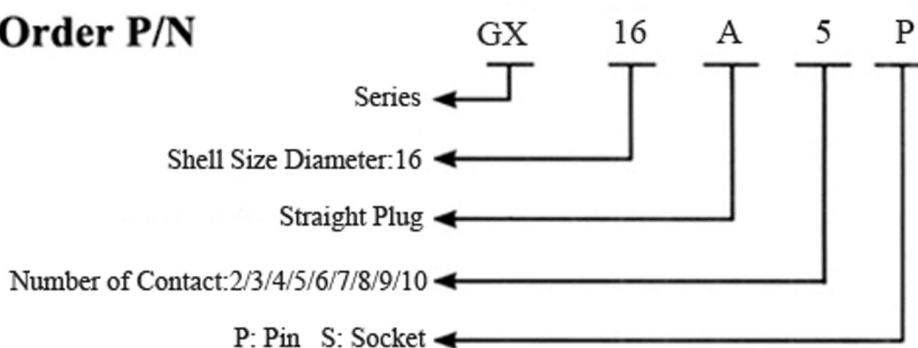
Renhotec GX16 Square Flange Connector



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	Ø7.5mm- ≤ Ø8.5mm
		Protection Degree	IP55	
Core Number	2 Core	3 Core	4 Core	5 Core
Contact Arrangement				
Contact The Diameter,Number	Ø2.5*2	Ø2.5*3	Ø2.5*4	Ø2.5*5
Rated Current(A)	7	7	5	5
Working Voltage (AC,V,RMS)	250	250	250	250
				250

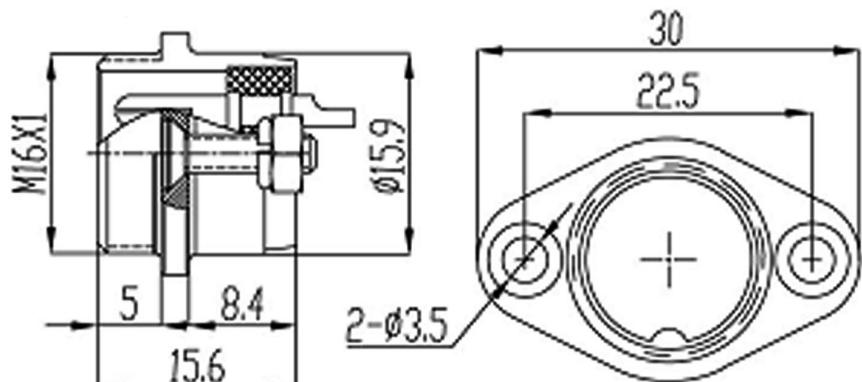
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

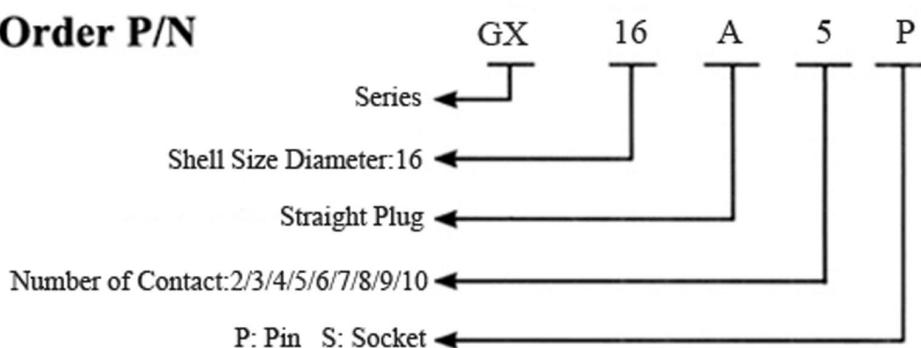
Renhotec GX16 2 Holes Flange Connector



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	Φ7.5mm- ≤ Φ8.5mm
		Protection Degree	IP55	
Core Number	2 Core	3 Core	4 Core	5 Core
Contact Arrangement				
Contact The Diameter,Number	Ø2.5*2	Ø2.5*3	Ø2.5*4	Ø2.5*5
Rated Current(A)	7	7	5	5
Working Voltage (AC,V,RMS)	250	250	250	250
				250
				250

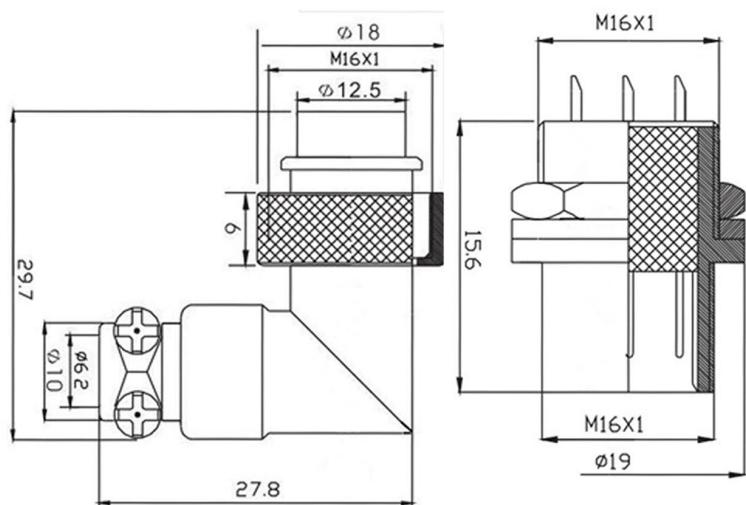
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

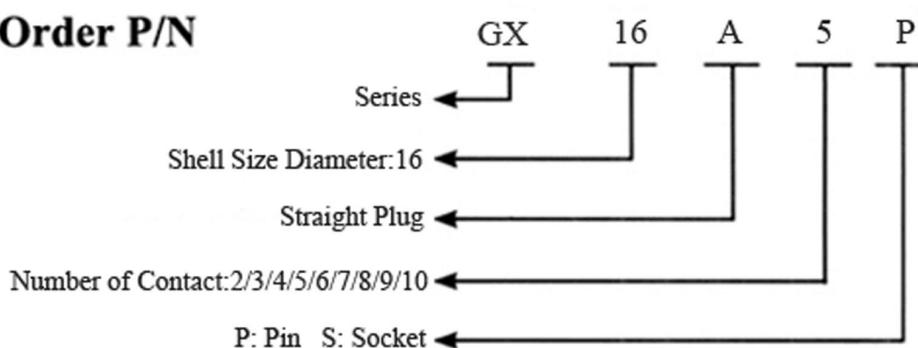
Renhotec Angled GX16 Connector



Material and Specifications

Coupling	Threaded Coupling		Termination	Solder
Shell Material	Zinc Alloy with Nickel plated		Mating Cycle	500 Times
Insert Material	Bakelite		Temperature Range	-20°C ~ +85°C
Contact Material	Copper (Silver plated/Gold)		Cable Diameter	Φ7.5mm- ≤ Φ8.5mm
				Protection Degree IP55
Core Number	2 Core	3 Core	4 Core	5 Core
Contact Arrangement				
Contact The Diameter,Number	Ø2.5*2	Ø2.5*3	Ø2.5*4	Ø2.5*5
Rated Current(A)	7	7	5	5
Working Voltage (AC,V,RMS)	250	250	250	250
			6 Core	7 Core
			Ø2.5*6	Ø2.5*7
			4	4
			8 Core	8 Core
			Ø2.5*8	Ø2.5*8
			4	4

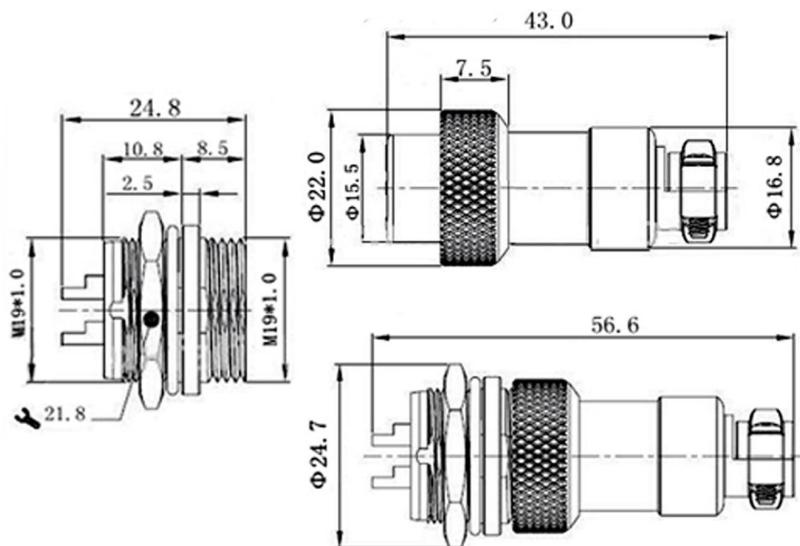
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

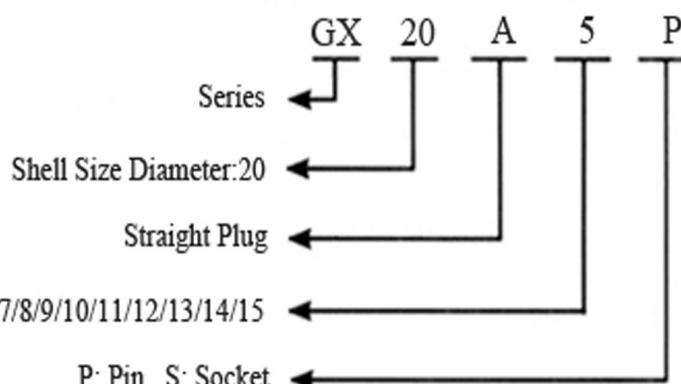
Renhotec GX20 Connector



Material and Specifications

Coupling	Threaded Coupling				Termination			Solder			
Shell Material	Zinc Alloy with Nickel plated				Mating Cycle			500 Times			
Insert Material	Bakelite				Temperature Range			-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)				Cable Diameter			≤ Φ9.5mm			
						Protection Degree			IP55		
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	9 Core	10 Core	12 Core	
Contact Arrangement											
Contact The Diameter,Number	Φ2.5*2	Φ2.5*3	Φ2.5*4	Φ2*5	Φ1.2*6	Φ1.2*7	Φ1.2*8	Φ1.2*9	Φ1.2*10	Φ1.2*12	
Rated Current(A)	10	10	10	7	5	5	5	5	5	5	
Working Voltage (AC,V,RMS)	400	400	400	400	400	400	400	400	400	400	

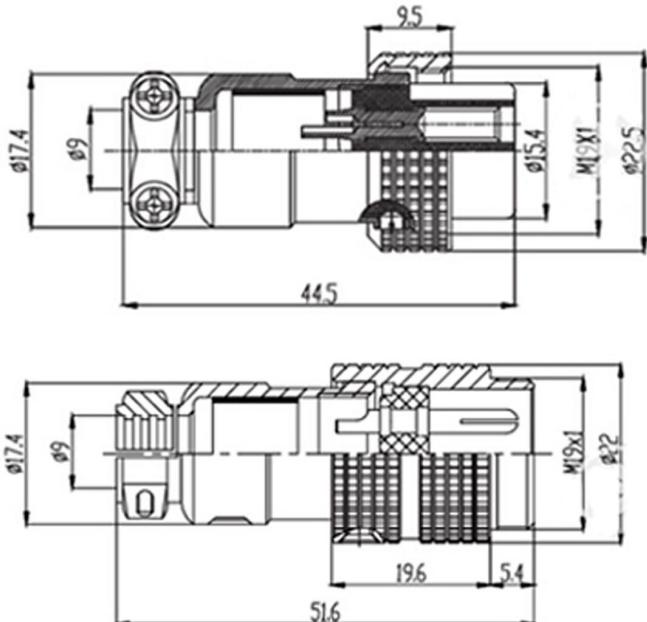
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

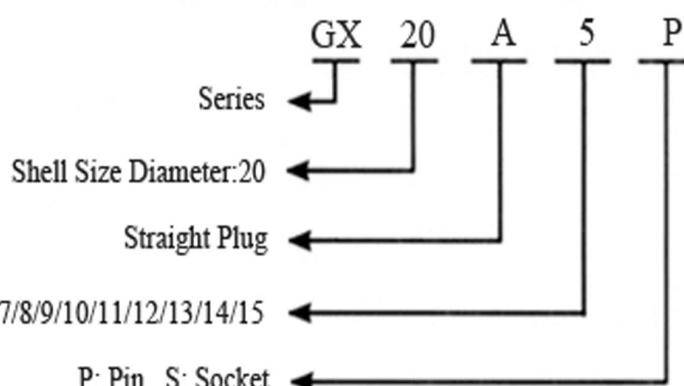
Renhotec GX20 Docking Cable Connector



Material and Specifications

Coupling	Threaded Coupling				Termination			Solder			
Shell Material	Zinc Alloy with Nickel plated				Mating Cycle			500 Times			
Insert Material	Bakelite				Temperature Range			-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)				Cable Diameter			$\leq \Phi 9.5\text{mm}$			
						Protection Degree			IP55		
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	9 Core	10 Core	12 Core	
Contact Arrangement											
Contact The Diameter,Number	$\phi 2.5*2$	$\phi 2.5*3$	$\phi 2.5*4$	$\phi 2*5$	$\phi 1.2*6$	$\phi 1.2*7$	$\phi 1.2*8$	$\phi 1.2*9$	$\phi 1.2*10$	$\phi 1.2*12$	
Rated Current(A)	10	10	10	7	5	5	5	5	5	5	
Working Voltage (AC,V,RMS)	400	400	400	400	400	400	400	400	400	400	

Order P/N



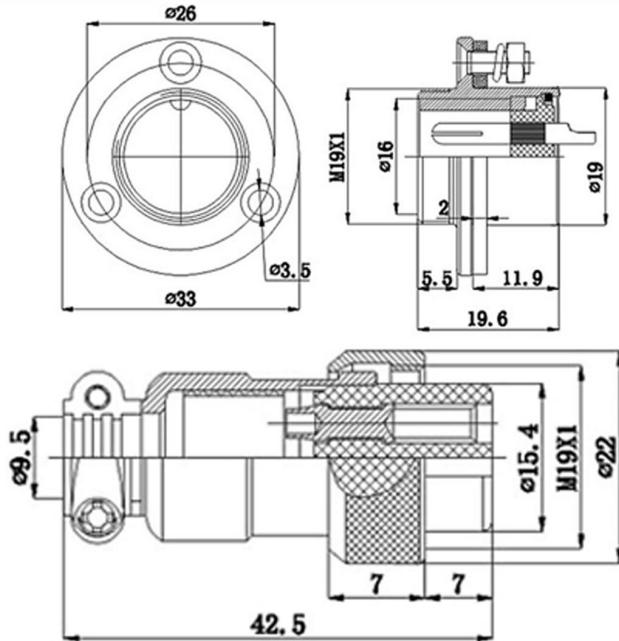
Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

Number of Contact: 2/3/4/5/6/7/8/9/10/11/12/13/14/15

P: Pin S: Socket

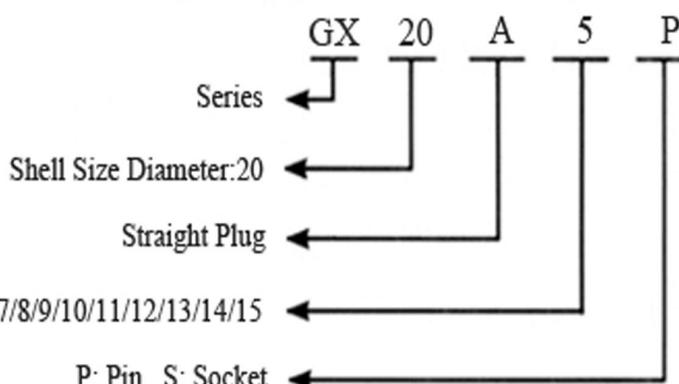
Renhotec GX20 Circular Flange Connector



Material and Specifications

Coupling	Threaded Coupling				Termination			Solder			
Shell Material	Zinc Alloy with Nickel plated				Mating Cycle			500 Times			
Insert Material	Bakelite				Temperature Range			-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)				Cable Diameter			$\leq \Phi 9.5\text{mm}$			
						Protection Degree			IP55		
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	9 Core	10 Core	12 Core	
Contact Arrangement											
Contact The Diameter,Number	$\phi 2.5*2$	$\phi 2.5*3$	$\phi 2.5*4$	$\phi 2*5$	$\phi 1.2*6$	$\phi 1.2*7$	$\phi 1.2*8$	$\phi 1.2*9$	$\phi 1.2*10$	$\phi 1.2*12$	
Rated Current(A)	10	10	10	7	5	5	5	5	5	5	
Working Voltage (AC,V,RMS)	400	400	400	400	400	400	400	400	400	400	

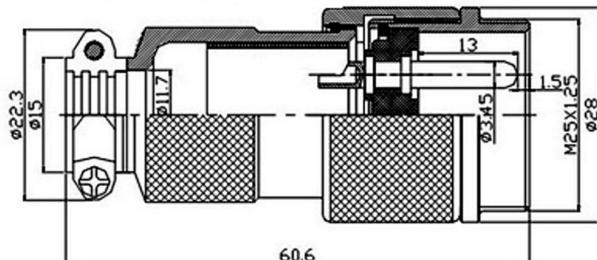
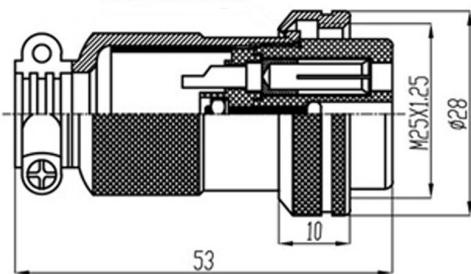
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

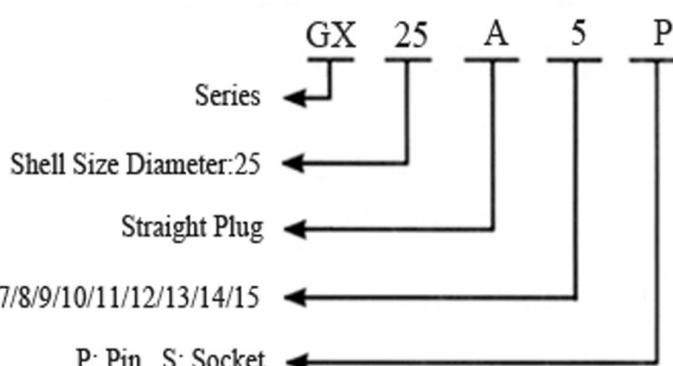
Renhotec GX25 Docking Cable Connector



Material and Specifications

Coupling	Threaded Coupling						Termination	Solder			
Shell Material	Zinc Alloy with Nickel plated						Mating Cycle	500 Times			
Insert Material	Bakelite						Temperature Range	-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)						Cable Diameter	$\leq \Phi 11.5\text{mm}$			
						Protection Degree	IP55				
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	9 Core	10 Core	11 Core	12 Core
Contact Arrangement											
Contact The Diameter,Number	$\phi 3.5*2$	$\phi 3.5*3$	$\phi 3.5*4$	$\phi 3*5$	$\phi 3*6$	$\phi 3*7$	$\phi 3*8$	$\phi 2*9$	$\phi 2*10$	$\phi 1.5*11$	$\phi 1.5*12$
Rated Current(A)	25	25	25	15	15	15	10	7	7	5	5
Working Voltage (AC,V,RMS)	400	400	400	400	400	400	400	400	400	400	400

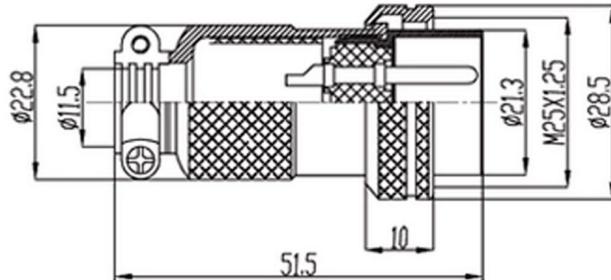
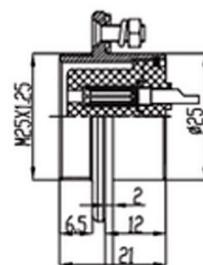
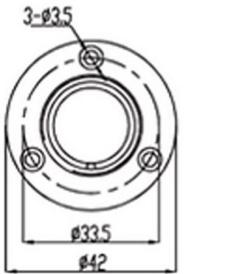
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

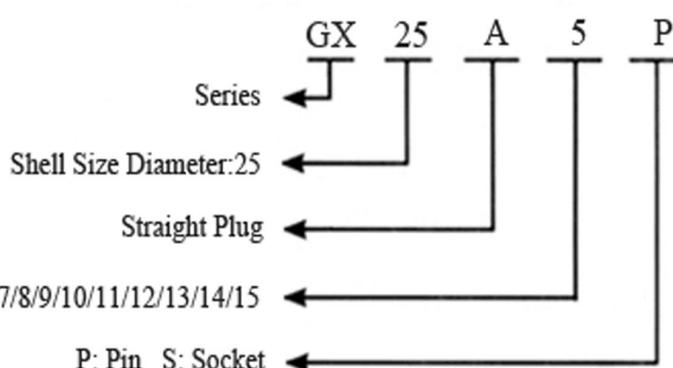
Renhotec GX25 Reverse Connector



Material and Specifications

Coupling	Threaded Coupling				Termination				Solder			
Shell Material	Zinc Alloy with Nickel plated				Mating Cycle				500 Times			
Insert Material	Bakelite				Temperature Range				-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)				Cable Diameter				$\leq \Phi 11.5\text{mm}$			
											IP55	
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	9 Core	10 Core	11 Core	12 Core	
Contact Arrangement												
Contact The Diameter,Number	$\phi 3.5*2$	$\phi 3.5*3$	$\phi 3.5*4$	$\phi 3*5$	$\phi 3*6$	$\phi 3*7$	$\phi 3*8$	$\phi 2*9$	$\phi 2*10$	$\phi 1.5*11$	$\phi 1.5*12$	
Rated Current(A)	25	25	25	15	15	15	10	7	7	5	5	
Working Voltage (AC,V,RMS)	400	400	400	400	400	400	400	400	400	400	400	

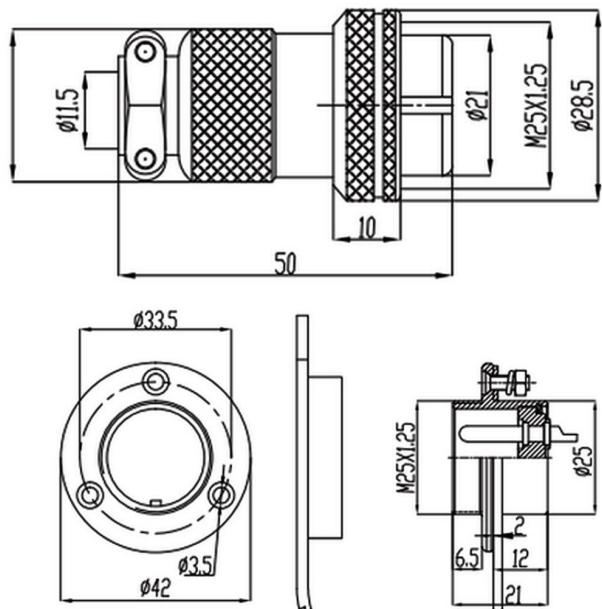
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

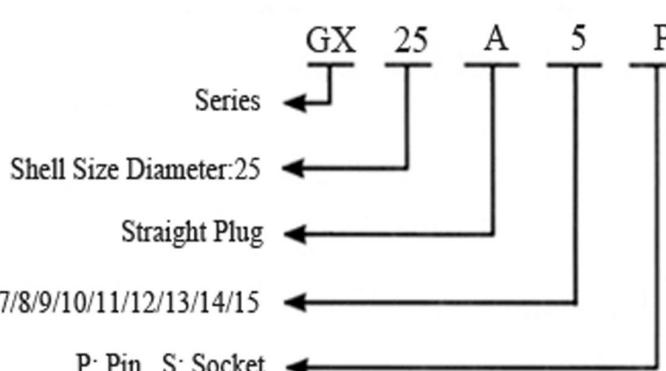
Renhotec GX25 Circular Flange Connector



Material and Specifications

Coupling	Threaded Coupling						Termination	Solder			
Shell Material	Zinc Alloy with Nickel plated						Mating Cycle	500 Times			
Insert Material	Bakelite						Temperature Range	-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)						Cable Diameter	$\leq \Phi 11.5\text{mm}$			
						Protection Degree	IP55				
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	9 Core	10 Core	11 Core	12 Core
Contact Arrangement											
Contact The Diameter,Number	$\phi 3.5*2$	$\phi 3.5*3$	$\phi 3.5*4$	$\phi 3*5$	$\phi 3*6$	$\phi 3*7$	$\phi 3*8$	$\phi 2*9$	$\phi 2*10$	$\phi 1.5*11$	$\phi 1.5*12$
Rated Current(A)	25	25	25	15	15	15	10	7	7	5	5
Working Voltage (AC,V,RMS)	400	400	400	400	400	400	400	400	400	400	400

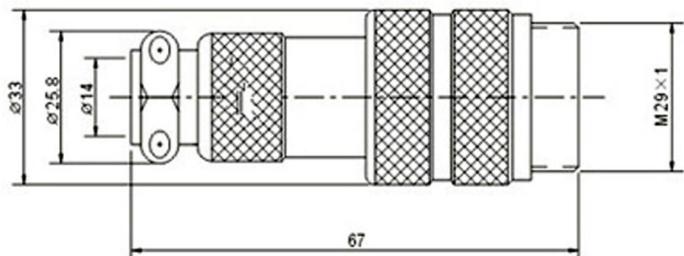
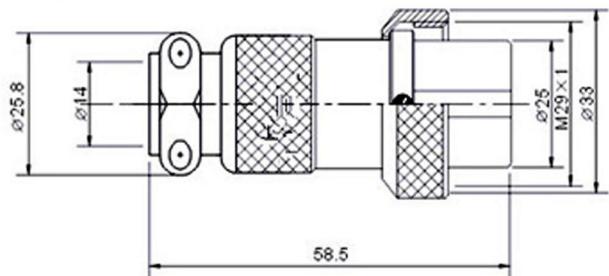
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

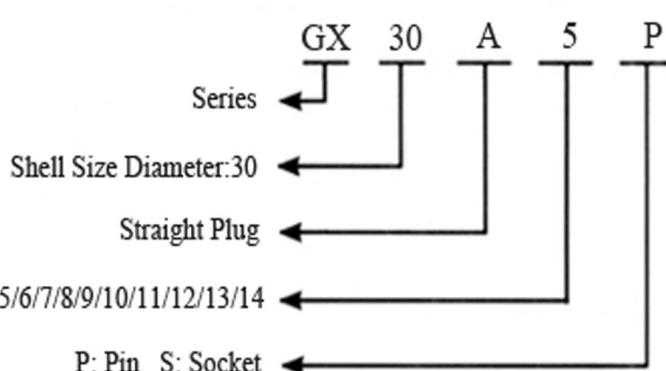
Renhotec GX30 Docking Cable Connector



Material and Specifications

Coupling	Threaded Coupling				Termination			Solder			
Shell Material	Zinc Alloy with Nickel plated				Mating Cycle			500 Times			
Insert Material	Bakelite				Temperature Range			-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)				Cable Diameter			$\leq \Phi 13.5\text{mm}$			
						Protection Degree			IP55		
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	10 Core	12 Core	14 Core	
Contact Arrangement											
Contact The Diameter,Number	$\phi 3.5*2$	$\phi 3.5*3$	$\phi 3.5*4$	$\phi 3.5*5$	$\phi 3*6$	$\phi 3*7$	$\phi 3*8$	$\phi 2.5*10$	$\phi 2.5*12$	$\phi 2.5*14$	
Rated Current(A)	25	25	25	25	20	20	20	15	15	15	
Working Voltage (AC,V,RMS)	500	500	500	500	500	400	400	400	400	400	

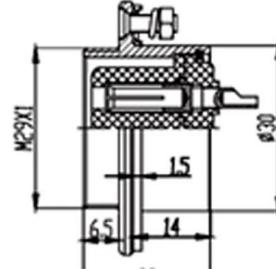
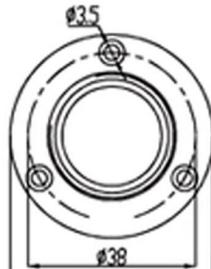
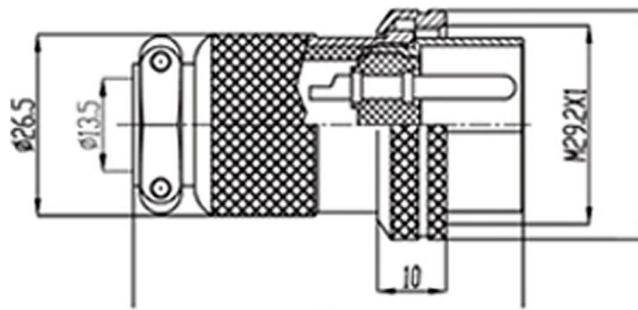
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

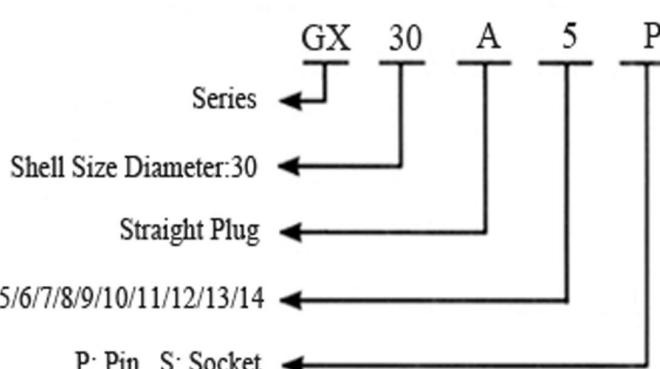
Renhotec GX30 Reverse Connector



Material and Specifications

Coupling	Threaded Coupling				Termination			Solder			
Shell Material	Zinc Alloy with Nickel plated				Mating Cycle			500 Times			
Insert Material	Bakelite				Temperature Range			-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)				Cable Diameter			$\leq \Phi 13.5\text{mm}$			
						Protection Degree			IP55		
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	10 Core	12 Core	14 Core	
Contact Arrangement											
Contact The Diameter,Number	$\phi 3.5*2$	$\phi 3.5*3$	$\phi 3.5*4$	$\phi 3.5*5$	$\phi 3*6$	$\phi 3*7$	$\phi 3*8$	$\phi 2.5*10$	$\phi 2.5*12$	$\phi 2.5*14$	
Rated Current(A)	25	25	25	25	20	20	20	15	15	15	
Working Voltage (AC,V,RMS)	500	500	500	500	500	400	400	400	400	400	

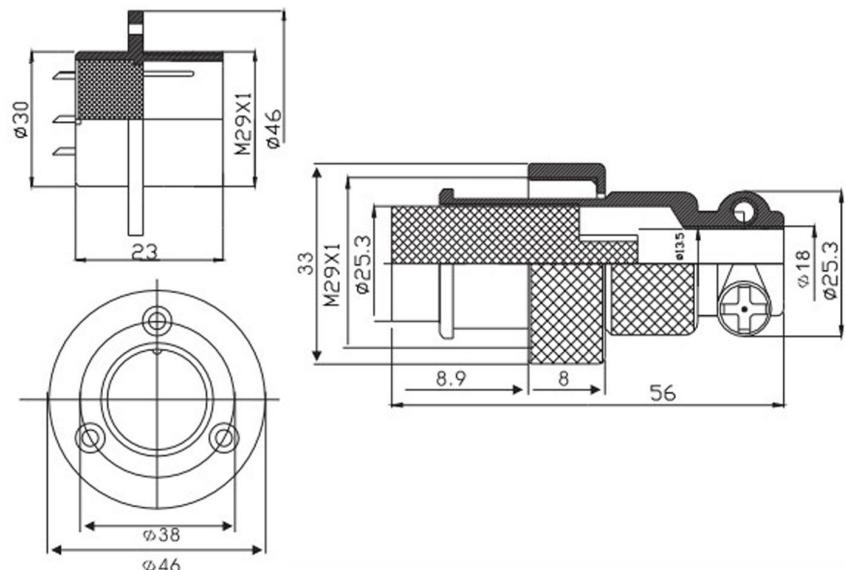
Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange

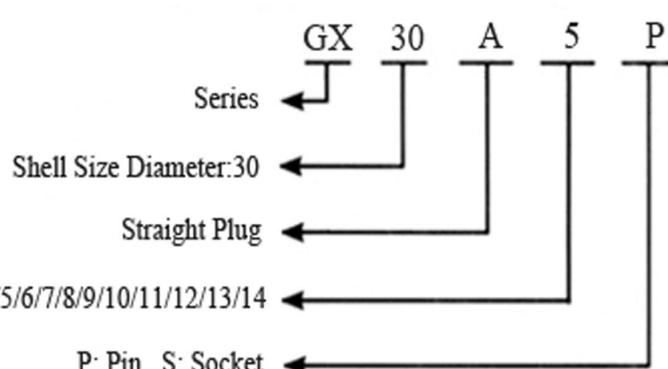
Renhotec GX30 Circular Flange Connector



Material and Specifications

Coupling	Threaded Coupling				Termination			Solder			
Shell Material	Zinc Alloy with Nickel plated				Mating Cycle			500 Times			
Insert Material	Bakelite				Temperature Range			-20°C ~ +85°C			
Contact Material	Copper (Silver plated/Gold)				Cable Diameter			≤ Ø13.5mm			
						Protection Degree			IP55		
Core Number	2 Core	3 Core	4 Core	5 Core	6 Core	7 Core	8 Core	10 Core	12 Core	14 Core	
Contact Arrangement											
Contact The Diameter,Number	Ø3.5*2	Ø3.5*3	Ø3.5*4	Ø3.5*5	Ø3*6	Ø3*7	Ø3*8	Ø2.5*10	Ø2.5*12	Ø2.5*14	
Rated Current(A)	25	25	25	25	20	20	20	15	15	15	
Working Voltage (AC,V,RMS)	500	500	500	500	500	400	400	400	400	400	

Order P/N



Note:

- A: Straight Plug
- B: Panel Mount Socket
- K: Docking Cable Plug
- D: Angled Plug
- E: 3 Hole Circular Flange
- F: Bulkhead
- H: 4 Hole Square Flange