

Power Inlet Connectors

# SR Series



UL Recognized  
CSA Certified  
VDE Approved\*



## SR Series

- Full Line of popular AC receptacles
- Male and female power line connectors
- Snap-in and flange mount versions
- IEC60320-1 C-13 & C14 inlets rated up to 15A
- IEC60320-1 C-19 & C-20 inlets rated up to 20A

## Ordering Information

6 E SR M - P

### Rear Connector Styles

- 2 - .187 [4.8] spade terminals
- 3 - .250 [6.3] spade terminals
- P - PC board pins

Fits .063 [1.6] hole

### Mounting Style

- C - Snap-In
- Flange

### Front Connector Styles

- M - Male  
15A = IEC 60320-1 C-14  
20A = IEC 60320-1 C-20
- F - Female  
15A = IEC 60320-1 C-13

### SR Series

### Leakage current designation

- E - Low Leakage (<0.5 mA)

### Current Rating Indicator

- 6 = 15A max.\*
- 20 = 20A max.\*

\*15A versions are VDE approved at 10A, 250VAC max.  
20A versions are VDE approved at 16A, 250VAC max.

## Specifications

Rated Voltage (max.): 250 VAC

### Materials:

- Insulator: Thermoplastic UL 94V-0 flame rating
- Prongs: Solid brass, nickel plated
- Terminals: Brass, tin plated

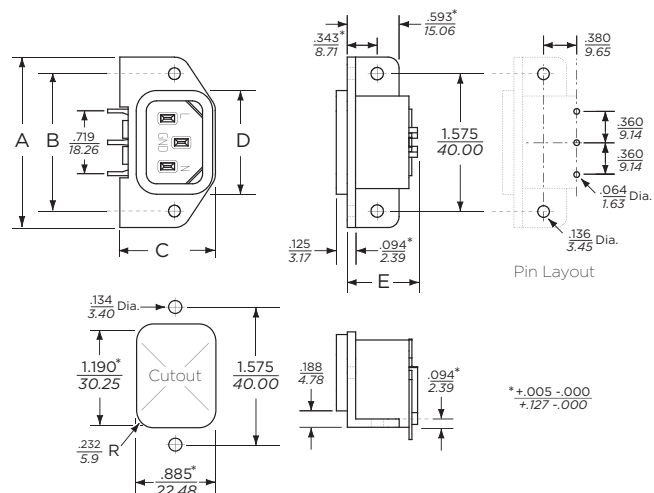
Temperature Rating: For "cold" connections, 65°C

## Available Part Numbers

Type	Male Connector	Female Connector
PC Pins	6ESRM-P	
Snap-In	6ESRMC2	6ESRFC3
Flange Mount	6ESRM-3	6ESRF-3
Snap-In	20ESRMC2	
Flange Mount	20ESRM-3	

## Case Styles

### 6ESRM-P

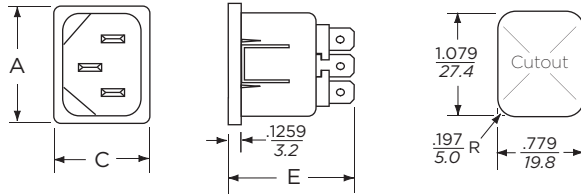


Power Inlet Connectors (continued)

# SR Series

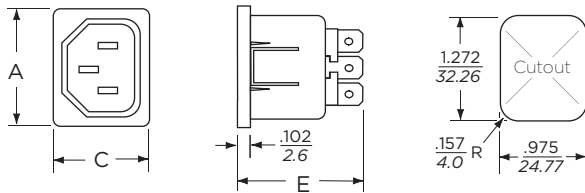
## Case Styles (continued)

### 6ESRMC2



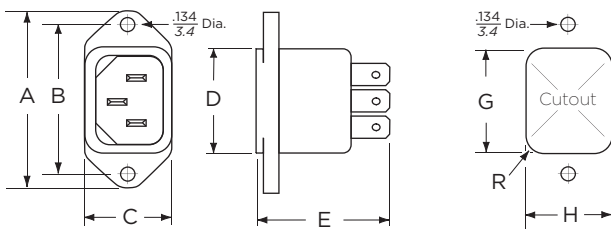
Typical Dimensions:  
Front Connector: IEC 60320-1 C14  
Rear Terminals: .187 [4.8] with .07 [1.8] Dia. hole

### 6ESRFC3



Typical Dimensions:  
Front Connector: IEC 60320-1 C13  
Rear Terminals: .25 [6.3] with .07 [1.8] Dia. hole

### 6ESRM-3

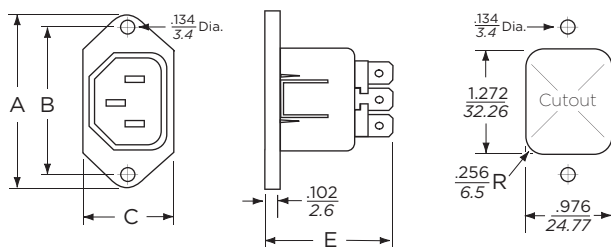


Cutout Dimensions:

	Rear Mount	Front Mount
G:	1.19 [30.23]	1.079 [27.4]
H:	0.894 [22.7]	0.779 [19.8]
R:	0.232 [5.9]	0.197 [5.0]

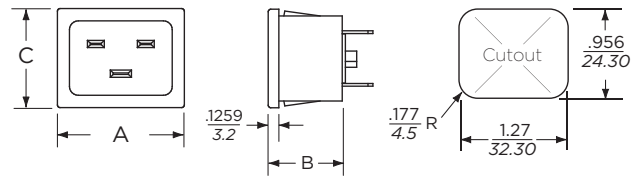
Typical Dimensions:  
Front Connector: IEC 60320-1 C14  
Rear Terminals: .25 [6.3] with .07 [1.8] Dia. hole

### 6ESRF-3



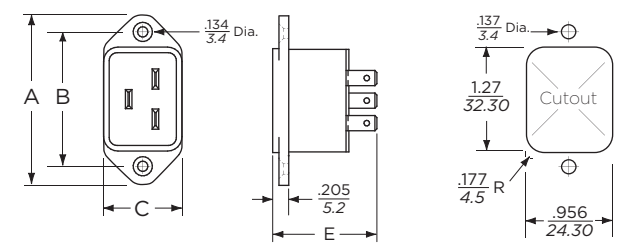
Typical Dimensions:  
Front Connector: IEC 60320-1 C13  
Rear Terminals: .25 [6.3] with .07 [1.8] Dia. hole

### 20ESRMC2



Typical Dimensions:  
Front Connector: IEC 60320-1 C20  
Rear Terminals: .25 [6.3] with .07 [1.8] Dia. hole

### 20ESRM-3



Typical Dimensions:  
Front Connector: IEC 60320-1 C20  
Rear Terminals: .25 [6.3] with .07 [1.8] Dia. hole

## Case Dimensions

Part No.	A (max.)	B $\begin{matrix} +.017 - .006 \\ +.43 - .15 \end{matrix}$	C (max.)	D (max.)	E (max.)
6ESRM-P	1.96	1.575	1.094	1.118	.807
	49.8	40.0	27.8	28.39	20.5
6ESRMC2	1.182	-	.885	-	1.192
	30.00		22.5		30.3
6ESRFC3	1.39	-	1.09	-	1.496
	35.5		27.8		38.0
6ESRM-3	1.96	1.575	.885	1.19	1.275
	49.8	40.0	22.5	30.23	32.4
6ESRF-3	1.953	1.575	1.133	-	1.496
	49.6	40.0	28.8		38.0
20ESRMC2	1.377	.921	1.06	-	-
	35.0	23.4	27.0		
20ESRM-3	2.087	1.653	.999	-	1.318
	53.0	42.0	25.4		33.5