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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Flush-type connector - SACC-E-MINF-6CON-NPT12-547/1,0 - 1420951


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Flush-type connector, 6-position, Socket, straight, 7/8"-16UNF, on free cable end, Front mounting, with 1/2 inch-14 NPT mounting thread, Individual wires, cable length: 1 m

RoHS

### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
GTIN	 4 055626 403588
GTIN	4055626403588

### Technical data

#### Dimensions

Length of cable	1 m
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#### Ambient conditions

Degree of protection	IP68
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#### General

Rated current at 40°C	8 A
Rated voltage	300 V AC/DC
Number of positions	6
Insulation resistance	≥ 100 MΩ
Standards/regulations	7/8-inch connector UL 2238 Suitable for use in Class I, Division 2 Groups A, B, C, D hazardous locations according to ISA standard 12.12.01-2015, section 8.2 and 8.8.3
Status display	No
Degree of pollution	3
Connection method	Individual wires
Insertion/withdrawal cycles	> 500
Torque	10 lb <sub>F</sub> -in.

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## Technical data

### General

	1.12 Nm
Mounting type	Front mounting, with 1/2 inch-14 NPT mounting thread

### Material

Flammability rating according to UL 94	V-0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PVC
Material, knurls	Anodized aluminum

### Cable

Cable type	PVC litz wire
Conductor cross section	0.75 mm <sup>2</sup>
AWG signal line	18
Conductor structure signal line	16 x AWG 30
Core diameter including insulation	1.78 mm
Thickness, insulation	Core insulation
Wire colors	Green 1, white 2, blue 3, gray 4, yellow 5, brown 6
Material conductor insulation	PVC
Standards/specifications	7/8-inch connector UL 2238 Suitable for use in Class I, Division 2 Groups A, B, C, D hazardous locations according to ISA standard 12.12.01-2015, section 8.2 and 8.8.3

### Standards and Regulations

Standard designation	7/8-inch connector
Standards/regulations	UL 2238
Flammability rating according to UL 94	V-0

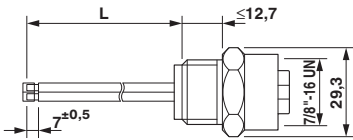
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

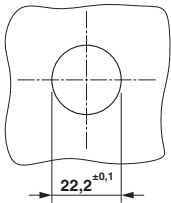
Flush-type connector - SACC-E-MINF-6CON-NPT12-547/1,0 - 1420951

Dimensional drawing



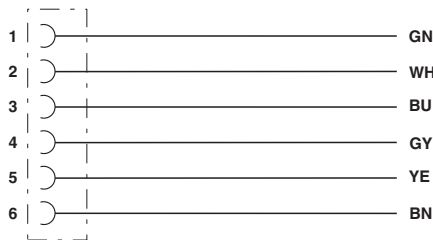
7/8" flush-type socket

Dimensional drawing



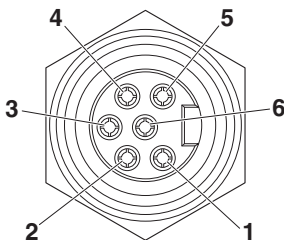
Housing cutout

Circuit diagram



Contact assignment of 7/8" socket

Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 6-pos., view of female side

Approvals



Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474

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### Approvals

cULus Listed



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