

# CONXALL Micro-Con-X® and Mini-Con-X® Series

**conxall**  
A Switchcraft Company

## FIELD INSTALLABLE CONNECTORS

Low cost Standard connectors for Industrial and Marine Applications

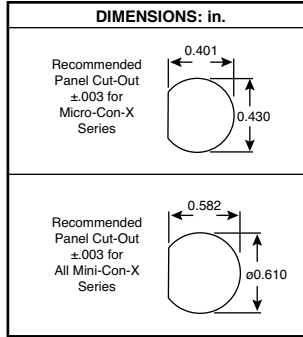
The all plastic connector is corrosion resistant, non-conductive and withstands substantial abuse, hostile environments, and heavy impacts that would otherwise cause metal connectors to corrode, deform or become electrically conductive and thus become unusable or unsafe.

### Features:

- Solder Cup Termination
- Corrosion resistant and non-conductive connectors
- Suitable for use in hostile environments
- Coupling rings have overriding locking feature to prevent loosening or separation of connector
- RoHS compliance per Conxall documentation
- UL Recognized File # E138878-250V
- CSA Certified File # LR89277-600V
- Cable OD Range Suffix:
  - 311 - .09" - .14"
  - 315 - .15" - .17"
  - 318 - .18" - .20"
- 3DC - Daisy Chain grommet (.125", .188", .250")

### Specifications:

- Connector body & Backshell: Black Nylon
- Connector: Gold over Nickel
- Grommet: Black Santoprene Rubber
- Voltage: 600V
- Durability: Minimum 300 mate/unmate cycles w/out mechanical or electrical failure
- Temperature Rating: -55°C to +125°C (-67°F to +257°F)
- Watertight: Up to IP67/NEMA 6P



### Micro-Con-X® Subminiature Series

Contact size #20; #20-24 AWG

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Conxall Part No.	Fig.	No. of Contacts	Contact Type	Contact Rating*	Dimension: in.		Price Each		
						A	B	1	10	25
<b>Cable End</b>										
502-16282-2PG-315	16282-2PG-315	A	2	Pin	7.5A	1.290	0.530			
502-16282-2SG-311	16282-2SG-311	B	2	Socket	7.5A	1.290	0.530			
502-16282-2SG-315	16282-2SG-315	B	2	Socket	7.5A	1.290	0.530			
502-16282-2SG-318	16282-2SG-318	B	2	Socket	7.5A	1.290	0.530			
502-16282-3PG-315	16282-3PG-315	A	3	Pin	7.5A	1.290	0.530			
502-16282-3SG-315	16282-3SG-315	B	3	Socket	7.5A	1.290	0.530			
<b>Panel Mount (with hex nut and flanged gasket)</b>										
502-17282-2PG-300	17282-2PG-300	C	2	Pin	7.5A	0.715	0.715			
502-17282-2SG-300	17282-2SG-300	D	2	Socket	7.5A	0.715	0.715			
502-17282-3PG-300	17282-3PG-300	C	3	Pin	7.5A	0.715	0.715			
502-17282-3SG-300	17282-3SG-300	D	3	Socket	7.5A	0.715	0.72			
502-16295	16295	G	-	Dustcap	-	-	-			
<b>Cable to Cable</b>										
502-18282-2PG-315	18282-2PG-315	E	2	Pin	7.5A	1.320	0.500			
502-18282-2SG-315	18282-2SG-315	F	2	Socket	7.5A	1.320	0.500			
502-18282-3PG-315	18282-3PG-315	E	3	Pin	7.5A	1.320	0.500			
502-18282-3SG-315	18282-3SG-315	F	3	Socket	7.5A	1.320	0.500			

\*Amperage is limited also by wire specifications.



### Mini-Con-X® Series

Contact size #20; #20-24 AWG

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Conxall Part No.	Fig.	No. of Contacts	Contact Type	Contact Rating*	Dimension: in.		Price Each		
						A	B	1	10	25
<b>Cable End</b>										
502-6282-2PG-3DC	6282-2PG-3DC	A	2	Pin	7.5A	1.315	0.715			
502-6282-2SG-3DC	6282-2SG-3DC	B	2	Socket	7.5A	1.315	0.715			
502-6282-3PG-3DC	6282-3PG-3DC	A	3	Pin	7.5A	1.315	0.715			
502-6282-3SG-3DC	6282-3SG-3DC	B	3	Socket	7.5A	1.315	0.715			
502-6282-4PG-3DC	6282-4PG-3DC	A	4	Pin	5.6A	1.315	0.715			
502-6282-4SG-3DC	6282-4SG-3DC	B	4	Socket	5.6A	1.315	0.715			
502-6282-5PG-3DC	6282-5PG-3DC	A	5	Pin	5.6A	1.315	0.715			
502-6282-5SG-3DC	6282-5SG-3DC	B	5	Socket	5.6A	1.315	0.715			
502-6282-6PG-3DC	6282-6PG-3DC	A	6	Pin	5.6A	1.315	0.715			
502-6282-6SG-3DC	6282-6SG-3DC	B	6	Socket	5.6A	1.315	0.715			
<b>Panel Mount (with hex nut and flanged gasket)</b>										
502-7282-2PG-300	7282-2PG-300	C	2	Pin	7.5A	0.675	0.924			
502-7282-2SG-300	7282-2SG-300	D	2	Socket	7.5A	0.675	0.924			
502-7282-3PG-300	7282-3PG-300	C	3	Pin	7.5A	0.675	0.924			
502-7282-3SG-300	7282-3SG-300	D	3	Socket	7.5A	0.675	0.924			
502-7282-4PG-300	7282-4PG-300	C	4	Pin	5.6A	0.675	0.924			
502-7282-4SG-300	7282-4SG-300	D	4	Socket	5.6A	0.675	0.924			
502-7282-5PG-300	7282-5PG-300	C	5	Pin	5.6A	0.675	0.924			
502-7282-5SG-300	7282-5SG-300	D	5	Socket	5.6A	0.675	0.924			
502-7282-6PG-300	7282-6PG-300	C	6	Pin	5.6A	0.675	0.924			
502-7282-6SG-300	7282-6SG-300	D	6	Socket	5.6A	0.675	0.924			
502-6295	6295	G	-	Dustcap	-	-	-			
<b>Cable to Cable</b>										
502-8282-2PG-3DC	8282-2PG-3DC	E	2	Pin	7.5A	1.395	0.625			
502-8282-2SG-3DC	8282-2SG-3DC	F	2	Socket	7.5A	1.395	0.625			
502-8282-3PG-3DC	8282-3PG-3DC	E	3	Pin	7.5A	1.395	0.625			
502-8282-3SG-3DC	8282-3SG-3DC	F	3	Socket	7.5A	1.395	0.625			
502-8282-4PG-3DC	8282-4PG-3DC	E	4	Pin	5.6A	1.395	0.625			
502-8282-4SG-3DC	8282-4SG-3DC	F	4	Socket	5.6A	1.395	0.625			
502-8282-5PG-3DC	8282-5PG-3DC	E	5	Pin	5.6A	1.395	0.625			
502-8282-5SG-3DC	8282-5SG-3DC	F	5	Socket	5.6A	1.395	0.625			
502-8282-6PG-3DC	8282-6PG-3DC	E	6	Pin	5.6A	1.395	0.625			
502-8282-6SG-3DC	8282-6SG-3DC	F	6	Socket	5.6A	1.395	0.625			

\*Amperage is limited also by wire specifications.

3DC=Daisy chain grommet with 3 I.D.'s (.125, .188, .250)

