

# CONXALL Multi-Con-X® Series

**conxall**  
A Switchcraft Company

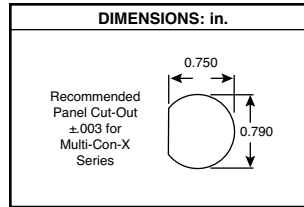
## FIELD INSTALLABLE CONNECTORS

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
- 3DC - Daisy Chain grommet 3 I.D.'s (.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



### Multi-Con-X® Series

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Conxall Part No.	Fig.	No. of Contacts	Contact Type	Contact Size	AWG	Contact Rating*	Dimension: in.		Price Each		
								A	B	1	10	25
<b>Cable End</b>												
502-3182-2PG-3DC	3182-2PG-3DC	A	2	Pin	#12	#12-16	23A	1.570	0.875			
502-3182-2SG-3DC	3182-2SG-3DC	B	2	Socket	#12	#12-16	23A	1.570	0.875			
502-3182-3PG-3DC	3182-3PG-3DC	A	3	Pin	#12	#12-16	23A	1.570	0.875			
502-3182-3SG-3DC	3182-3SG-3DC	B	3	Socket	#12	#12-16	23A	1.570	0.875			
502-3282-4PG-3DC	3282-4PG-3DC	A	4	Pin	#20	#20-24	5.6A	1.570	0.875			
502-3282-4SG-3DC	3282-4SG-3DC	B	4	Socket	#20	#20-24	5.6A	1.570	0.875			
502-3282-5PG-3DC	3282-5PG-3DC	A	5	Pin	#20	#20-24	5.6A	1.570	0.875			
502-3282-6PG-3DC	3282-6PG-3DC	A	6	Pin	#20	#20-24	5.6A	1.570	0.875			
502-3282-6SG-3DC	3282-6SG-3DC	B	6	Socket	#20	#20-24	5.6A	1.570	0.875			
502-3282-7PG-3DC	3282-7PG-3DC	A	7	Pin	#20	#20-24	4.8A	1.570	0.875			
502-3282-7SG-3DC	3282-7SG-3DC	B	7	Socket	#20	#20-24	4.8A	1.570	0.875			
502-3282-8PG-3DC	3282-8PG-3DC	A	8	Pin	#20	#20-24	4.8A	1.570	0.875			
502-3282-8SG-3DC	3282-8SG-3DC	B	8	Socket	#20	#20-24	4.8A	1.570	0.875			
502-3282-9PG-3DC	3282-9PG-3DC	A	9	Pin	#20	#20-24	4.8A	1.570	0.875			
502-3282-9SG-3DC	3282-9SG-3DC	B	9	Socket	#20	#20-24	4.8A	1.570	0.875			
<b>Panel Mount (with hex nut and flanged gasket)</b>												
502-4182-2PG-300	4182-2PG-300	C	2	Pin	#12	#12-16	23A	0.625	1.155			
502-4182-2SG-300	4182-2SG-300	D	2	Socket	#12	#12-16	23A	0.625	1.155			
502-4182-3PG-300	4182-3PG-300	C	3	Pin	#12	#12-16	23A	0.625	1.155			
502-4182-3SG-300	4182-3SG-300	D	3	Socket	#12	#12-16	23A	0.625	1.155			
502-4282-4PG-300	4282-4PG-300	C	4	Pin	#20	#20-24	5.6A	0.625	1.155			
502-4282-4SG-300	4282-4SG-300	D	4	Socket	#20	#20-24	5.6A	0.625	1.155			
502-4282-5SG-300	4282-5SG-300	D	5	Socket	#20	#20-24	5.6A	0.625	1.155			
502-4282-6PG-300	4282-6PG-300	C	6	Pin	#20	#20-24	5.6A	0.625	1.155			
502-4282-6SG-300	4282-6SG-300	D	6	Socket	#20	#20-24	5.6A	0.625	1.155			
502-4282-7PG-300	4282-7PG-300	C	7	Pin	#20	#20-24	4.8A	0.625	1.155			
502-4282-8PG-300	4282-8PG-300	C	8	Pin	#20	#20-24	4.8A	0.625	1.155			
502-4282-8SG-300	4282-8SG-300	D	8	Socket	#20	#20-24	4.8A	0.625	1.155			
502-4282-9PG-300	4282-9PG-300	C	9	Pin	#20	#20-24	4.8A	0.625	1.155			
502-4282-9SG-300	4282-9SG-300	D	9	Socket	#20	#20-24	4.8A	0.625	1.155			
<b>Cable to Cable</b>												
502-5182-2PG-3DC	5182-2PG-3DC	E	2	Pin	#12	#12-16	23A	1.650	0.766			
502-5182-2SG-3DC	5182-2SG-3DC	F	2	Socket	#12	#12-16	23A	1.650	0.766			
502-5182-3PG-3DC	5182-3PG-3DC	E	3	Pin	#12	#12-16	23A	1.650	0.766			
502-5182-3SG-3DC	5182-3SG-3DC	F	3	Socket	#12	#12-16	23A	1.650	0.766			
502-5282-4PG-3DC	5282-4PG-3DC	E	4	Pin	#20	#20-24	5.6A	1.650	0.766			
502-5282-4SG-3DC	5282-4SG-3DC	F	4	Socket	#20	#20-24	5.6A	1.650	0.766			
502-5282-5PG-3DC	5282-5PG-3DC	E	5	Pin	#20	#20-24	5.6A	1.650	0.766			
502-5282-6SG-3DC	5282-6SG-3DC	F	6	Socket	#20	#20-24	5.6A	1.650	0.766			
502-5282-7PG-3DC	5282-7PG-3DC	E	7	Pin	#20	#20-24	4.8A	1.650	0.766			
502-5282-8PG-3DC	5282-8PG-3DC	E	8	Pin	#20	#20-24	4.8A	1.650	0.766			
502-5282-8SG-3DC	5282-8SG-3DC	F	8	Socket	#20	#20-24	4.8A	1.650	0.766			
502-5282-9PG-3DC	5282-9PG-3DC	E	9	Pin	#20	#20-24	4.8A	1.650	0.766			
502-5282-9SG-3DC	5282-9SG-3DC	F	9	Socket	#20	#20-24	4.8A	1.650	0.766			

\*Amperage is limited also by wire specifications.

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

