

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

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



Conxall Circular Connectors

Multi-Con-X® Series

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Conxall Part No.	Fig.	No. of Contacts	Contact Type	Contact Size	AWG	Dimension (In.)		Contact Rating*	Price Each		
							A	B		1	10	25
Cable End												
502-3182-2PG-3DC	3182-2PG-3DC	A	2	Pin	#12	#12-16	1.570	0.875	23A	5.92	5.38	5.11
502-3182-2SG-3DC	3182-2SG-3DC	B	2	Socket	#12	#12-16	1.570	0.875	23A	7.26	6.60	6.27
502-3182-3PG-3DC	3182-3PG-3DC	A	3	Pin	#12	#12-16	1.570	0.875	23A	6.91	6.28	5.97
502-3182-3SG-3DC	3182-3SG-3DC	B	3	Socket	#12	#12-16	1.570	0.875	23A	8.67	7.88	7.49
502-3282-4PG-3DC	3282-4PG-3DC	A	4	Pin	#20	#20-24	1.570	0.875	5.6A	6.60	6.00	5.70
502-3282-4SG-3DC	3282-4SG-3DC	B	4	Socket	#20	#20-24	1.570	0.875	5.6A	8.34	7.58	7.20
502-3282-5PG-3DC	3282-5PG-3DC	A	5	Pin	#20	#20-24	1.570	0.875	5.6A	7.22	6.56	6.23
502-3282-5SG-3DC	3282-5SG-3DC	B	5	Socket	#20	#20-24	1.570	0.875	5.6A	9.26	8.42	8.00
502-3282-6PG-3DC	3282-6PG-3DC	A	6	Pin	#20	#20-24	1.570	0.875	5.6A	7.79	7.08	6.73
502-3282-6SG-3DC	3282-6SG-3DC	B	6	Socket	#20	#20-24	1.570	0.875	5.6A	10.16	9.24	8.78
502-3282-7PG-3DC	3282-7PG-3DC	A	7	Pin	#20	#20-24	1.570	0.875	4.8A	8.36	7.60	7.22
502-3282-7SG-3DC	3282-7SG-3DC	B	7	Socket	#20	#20-24	1.570	0.875	4.8A	11.07	10.06	9.56
502-3282-8PG-3DC	3282-8PG-3DC	A	8	Pin	#20	#20-24	1.570	0.875	4.8A	8.91	8.10	7.70
502-3282-8SG-3DC	3282-8SG-3DC	B	8	Socket	#20	#20-24	1.570	0.875	4.8A	11.95	10.86	10.32
502-3282-9PG-3DC	3282-9PG-3DC	A	9	Pin	#20	#20-24	1.570	0.875	4.8A	9.48	8.62	8.19
502-3282-9SG-3DC	3282-9SG-3DC	B	9	Socket	#20	#20-24	1.570	0.875	4.8A	12.80	11.64	11.06
Panel Mount (with hex nut and flanged gasket)												
502-4182-2PG-300	4182-2PG-300	C	2	Pin	#12	#12-16	0.625	1.155	23A	4.03	3.66	3.48
502-4182-2SG-300	4182-2SG-300	D	2	Socket	#12	#12-16	0.625	1.155	23A	4.86	4.42	4.20
502-4182-3PG-300	4182-3PG-300	C	3	Pin	#12	#12-16	0.625	1.155	23A	4.99	4.54	4.31
502-4182-3SG-300	4182-3SG-300	D	3	Socket	#12	#12-16	0.625	1.155	23A	6.27	5.70	5.42
502-4282-4PG-300	4282-4PG-300	C	4	Pin	#20	#20-24	0.625	1.155	5.6A	4.66	4.24	4.03
502-4282-4SG-300	4282-4SG-300	D	4	Socket	#20	#20-24	0.625	1.155	5.6A	5.59	5.08	4.83
502-4282-5PG-300	4282-5PG-300	C	5	Pin	#20	#20-24	0.625	1.155	5.6A	5.26	4.78	4.54
502-4282-5SG-300	4282-5SG-300	D	5	Socket	#20	#20-24	0.625	1.155	5.6A	6.58	5.98	5.68
502-4282-6PG-300	4282-6PG-300	C	6	Pin	#20	#20-24	0.625	1.155	5.6A	5.85	5.32	5.05
502-4282-6SG-300	4282-6SG-300	D	6	Socket	#20	#20-24	0.625	1.155	5.6A	7.24	6.58	6.25
502-4282-7PG-300	4282-7PG-300	C	7	Pin	#20	#20-24	0.625	1.155	4.8A	6.42	5.84	5.55
502-4282-7SG-300	4282-7SG-300	D	7	Socket	#20	#20-24	0.625	1.155	4.8A	8.03	7.30	6.94
502-4282-8PG-300	4282-8PG-300	C	8	Pin	#20	#20-24	0.625	1.155	4.8A	6.97	6.34	6.02
502-4282-8SG-300	4282-8SG-300	D	8	Socket	#20	#20-24	0.625	1.155	4.8A	8.98	8.16	7.75
502-4282-9PG-300	4282-9PG-300	C	9	Pin	#20	#20-24	0.625	1.155	4.8A	7.50	6.82	6.48
502-4282-9SG-300	4282-9SG-300	D	9	Socket	#20	#20-24	0.625	1.155	4.8A	9.75	8.86	8.42
Cable to Cable												
502-5182-2PG-3DC	5182-2PG-3DC	E	2	Pin	#12	#12-16	1.650	0.766	23A	5.85	5.32	5.05
502-5182-2SG-3DC	5182-2SG-3DC	F	2	Socket	#12	#12-16	1.650	0.766	23A	6.73	6.12	5.81
502-5182-3PG-3DC	5182-3PG-3DC	E	3	Pin	#12	#12-16	1.650	0.766	23A	6.84	6.22	5.91
502-5182-3SG-3DC	5182-3SG-3DC	F	3	Socket	#12	#12-16	1.650	0.766	23A	8.14	7.40	7.03
502-5282-4PG-3DC	5282-4PG-3DC	E	4	Pin	#20	#20-24	1.650	0.766	5.6A	6.51	5.92	5.62
502-5282-4SG-3DC	5282-4SG-3DC	F	4	Socket	#20	#20-24	1.650	0.766	5.6A	7.81	7.10	6.75
502-5282-5PG-3DC	5282-5PG-3DC	E	5	Pin	#20	#20-24	1.650	0.766	5.6A	7.13	6.48	6.16
502-5282-5SG-3DC	5282-5SG-3DC	F	5	Socket	#20	#20-24	1.650	0.766	5.6A	8.73	7.94	7.54
502-5282-6PG-3DC	5282-6PG-3DC	E	6	Pin	#20	#20-24	1.650	0.766	5.6A	7.72	7.02	6.67
502-5282-6SG-3DC	5282-6SG-3DC	F	6	Socket	#20	#20-24	1.650	0.766	5.6A	9.50	8.64	8.21
502-5282-7PG-3DC	5282-7PG-3DC	E	7	Pin	#20	#20-24	1.650	0.766	4.8A	8.14	7.40	7.03
502-5282-7SG-3DC	5282-7SG-3DC	F	7	Socket	#20	#20-24	1.650	0.766	4.8A	10.36	9.42	8.95
502-5282-8PG-3DC	5282-8PG-3DC	E	8	Pin	#20	#20-24	1.650	0.766	4.8A	8.69	7.90	7.51
502-5282-8SG-3DC	5282-8SG-3DC	F	8	Socket	#20	#20-24	1.650	0.766	4.8A	11.24	10.22	9.71
502-5282-9PG-3DC	5282-9PG-3DC	E	9	Pin	#20	#20-24	1.650	0.766	4.8A	9.24	8.40	7.98
502-5282-9SG-3DC	5282-9SG-3DC	F	9	Socket	#20	#20-24	1.650	0.766	4.8A	12.10	11.00	10.45

*: Amperage is limited also by wire specifications.

Catalog #625, February 2006 - April 2006
© Copyright 2006 Mouser Electronics

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

