

CONXALL Multi-Con-X® Series

conxall
A Switchcraft Company

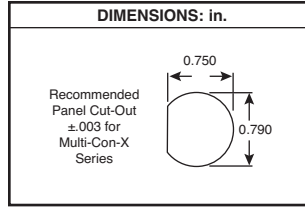
FIELD INSTALLABLE CONNECTORS

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 ID'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
Cable End												
502-3182-2PG-3DC	3182-2PG-3DC	A	2	Pin	#12	#12-16	23A	1.570	0.875	5.15	4.64	4.28
502-3182-2SG-3DC	3182-2SG-3DC	B	2	Socket	#12	#12-16	23A	1.570	0.875	7.52	5.70	5.25
502-3182-3PG-3DC	3182-3PG-3DC	A	3	Pin	#12	#12-16	23A	1.570	0.875	7.07	6.26	5.42
502-3182-3SG-3DC	3182-3SG-3DC	B	3	Socket	#12	#12-16	23A	1.570	0.875	9.04	6.84	6.28
502-3282-4PG-3DC	3282-4PG-3DC	A	4	Pin	#20	#20-24	5.6A	1.570	0.875	6.60	5.19	4.78
502-3282-4SG-3DC	3282-4SG-3DC	B	4	Socket	#20	#20-24	5.6A	1.570	0.875	8.72	6.61	6.08
502-3282-5PG-3DC	3282-5PG-3DC	A	5	Pin	#20	#20-24	5.6A	1.570	0.875	7.48	5.69	5.22
502-3282-6PG-3DC	3282-6PG-3DC	A	6	Pin	#20	#20-24	5.6A	1.570	0.875	8.12	6.16	5.66
502-3282-6SG-3DC	3282-6SG-3DC	B	6	Socket	#20	#20-24	5.6A	1.570	0.875	10.66	8.06	7.41
502-3282-7PG-3DC	3282-7PG-3DC	A	7	Pin	#20	#20-24	4.8A	1.570	0.875	8.74	6.62	6.09
502-3282-7SG-3DC	3282-7SG-3DC	B	7	Socket	#20	#20-24	4.8A	1.570	0.875	11.62	8.77	8.08
502-3282-8PG-3DC	3282-8PG-3DC	A	8	Pin	#20	#20-24	4.8A	1.570	0.875	9.33	7.06	6.49
502-3282-8SG-3DC	3282-8SG-3DC	B	8	Socket	#20	#20-24	4.8A	1.570	0.875	12.55	9.47	8.70
502-3282-9PG-3DC	3282-9PG-3DC	A	9	Pin	#20	#20-24	4.8A	1.570	0.875	9.90	7.49	6.88
502-3282-9SG-3DC	3282-9SG-3DC	B	9	Socket	#20	#20-24	4.8A	1.570	0.875	13.48	10.17	9.35
Panel Mount (with hex nut and flanged gasket)												
502-4182-2PG-300	4182-2PG-300	C	2	Pin	#12	#12-16	23A	0.625	1.155	4.30	3.22	2.95
502-4182-2SG-300	4182-2SG-300	D	2	Socket	#12	#12-16	23A	0.625	1.155	4.66	3.91	3.56
502-4182-3PG-300	4182-3PG-300	C	3	Pin	#12	#12-16	23A	0.625	1.155	5.06	4.02	3.69
502-4182-3SG-300	4182-3SG-300	D	3	Socket	#12	#12-16	23A	0.625	1.155	6.71	5.02	4.61
502-4282-4PG-300	4282-4PG-300	C	4	Pin	#20	#20-24	5.6A	0.625	1.155	4.47	3.74	3.43
502-4282-4SG-300	4282-4SG-300	D	4	Socket	#20	#20-24	5.6A	0.625	1.155	5.27	4.50	4.12
502-4282-5SG-300	4282-5SG-300	D	5	Socket	#20	#20-24	5.6A	0.625	1.155	6.21	5.28	4.86
502-4282-6PG-300	4282-6PG-300	C	6	Pin	#20	#20-24	5.6A	0.625	1.155	6.27	4.70	4.30
502-4282-6SG-300	4282-6SG-300	D	6	Socket	#20	#20-24	5.6A	0.625	1.155	7.77	5.84	5.34
502-4282-7PG-300	4282-7PG-300	C	7	Pin	#20	#20-24	4.8A	0.625	1.155	6.89	5.17	4.73
502-4282-8PG-300	4282-8PG-300	C	8	Pin	#20	#20-24	4.8A	0.625	1.155	7.49	5.62	5.14
502-4282-8SG-300	4282-8SG-300	D	8	Socket	#20	#20-24	4.8A	0.625	1.155	9.64	7.22	6.63
502-4282-9PG-300	4282-9PG-300	C	9	Pin	#20	#20-24	4.8A	0.625	1.155	8.07	6.03	5.53
502-4282-9SG-300	4282-9SG-300	D	9	Socket	#20	#20-24	4.8A	0.625	1.155	10.47	7.86	7.19
Cable to Cable												
502-5182-2PG-3DC	5182-2PG-3DC	E	2	Pin	#12	#12-16	23A	1.650	0.766	6.98	5.41	4.80
502-5182-2SG-3DC	5182-2SG-3DC	F	2	Socket	#12	#12-16	23A	1.650	0.766	8.02	6.73	4.87
502-5182-3PG-3DC	5182-3PG-3DC	E	3	Pin	#12	#12-16	23A	1.650	0.766	8.16	6.49	4.95
502-5182-3SG-3DC	5182-3SG-3DC	F	3	Socket	#12	#12-16	23A	1.650	0.766	9.71	7.92	5.91
502-5282-4PG-3DC	5282-4PG-3DC	E	4	Pin	#20	#20-24	5.6A	1.650	0.766	7.10	5.85	4.72
502-5282-4SG-3DC	5282-4SG-3DC	F	4	Socket	#20	#20-24	5.6A	1.650	0.766	9.31	7.55	5.67
502-5282-5PG-3DC	5282-5PG-3DC	E	5	Pin	#20	#20-24	5.6A	1.650	0.766	8.51	6.98	5.18
502-5282-6SG-3DC	5282-6SG-3DC	F	6	Socket	#20	#20-24	5.6A	1.650	0.766	11.33	8.91	6.91
502-5282-7PG-3DC	5282-7PG-3DC	E	7	Pin	#20	#20-24	4.8A	1.650	0.766	9.71	7.92	5.92
502-5282-8PG-3DC	5282-8PG-3DC	E	8	Pin	#20	#20-24	4.8A	1.650	0.766	10.36	8.51	6.33
502-5282-8SG-3DC	5282-8SG-3DC	F	8	Socket	#20	#20-24	4.8A	1.650	0.766	13.40	10.31	10.12
502-5282-9PG-3DC	5282-9PG-3DC	E	9	Pin	#20	#20-24	4.8A	1.650	0.766	11.00	8.10	6.72
502-5282-9SG-3DC	5282-9SG-3DC	F	9	Socket	#20	#20-24	4.8A	1.650	0.766	12.24	10.24	8.85

* Amperage is limited also by wire specifications.

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

