



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# Quick-Change® Cordsets

Quick-disconnect and positive alignment of power conductors in harsh environments  
 #10, #12 and #14 AWG yellow Type SOW cable  
 Single- and double-ended cordsets and mating receptacles

	2P			3P			4P		
MALE FACE VIEW									
COLOR CODE	1- black 2- white			1- black 2- white 3- green-gnd			1- black      3- red 2- green-gnd    4- white		
VOLTAGE	600V AC/DC			600V AC/DC			600V AC/DC		
CURRENT	18A	25A	30A	18A	25A	30A	15A	20A	25A
CONDUCTOR	#14	#12	#10	#14	#12	#10	#14	#12	#10

MALE	FIG	SINGLE-ENDED CORDSETS WITH 600V TYPE SOW CABLE								
3'	1	32019	32026	32050	32319	32353	32404	32634	32650	32754
6'	1	32020	32027	32051	32320	32354	32405	32635	32676	32755
12'	1	32021	32028	32052	32321	32355	32406	32636	32677	32756
MATING RECEPTACLE	FIG	RECEPTACLES WITH 12" LONG PVC-INSULATED WIRES								
THREAD 1/2"	2	32015	32034	32067	32315	32359	32421	32630	32682	32769
THREAD 3/4"	2	32016	32035	32068	32316	32360	32422	32631	32683	32770
FEMALE/MALE EXTENSION	FIG	DOUBLE-ENDED CORDSETS WITH 600V TYPE SOW CABLE								
6'	3	662020C05F060	662020C06F060	662020C07F060	663020C05F060	663020C06F060	663020C07F060	664020C05F060	664020C06F060	664020C07F060

## CATALOG OPTIONS

P/N 55-0172 closure cap assembly for receptacles  
 P/N 55-0170 threaded adapter plus closure cap assembly for cordsets

Use the following chart to modify your part's specifications

32015AL

BODY MATERIAL	CODE
ALUMINUM .....	AL

# Specifications



**MECHANICAL (CORDSET)**

PLUG FACE: NITRILE/SBR  
 MOLDED BODY: NITRILE/SBR  
 COUPLING NUT: THERMOPLASTIC WITH OPTIONAL ALUMINUM

CABLE: YELLOW NEOPRENE CABLE JACKET TYPE SOW, 105° C UL LISTED, 90° C CSA CERTIFIED

OUTSIDE DIAMETER:	#14 AWG	#12 AWG	#10 AWG
2/C	.55" (13.9mm)	.63" (15.9mm)	.69" (17.4mm)
3/C	.58" (14.6mm)	.66" (16.6mm)	.72" (18.3mm)
4/C	.62" (15.8mm)	.71" (18.0mm)	.74" (18.8mm)
STRANDING	41 X #30	65 X #30	105 X #30

**MECHANICAL (RECEPTACLE)**

INSERT MATERIAL: NITRILE/SBR  
 SHELL MATERIAL: THERMOPLASTIC WITH OPTIONAL ALUMINUM

CABLE: 10/12/14 AWG, 1 CONDUCTOR PVC JACKETED, 105° C

STRANDING:	#14 AWG	#12 AWG	#10 AWG
TINNED COPPER	41 X #30	65 X #30	105 X #30

**ELECTRICAL**

VOLTAGE RATING:	600V AC/DC		
AMPERAGE	#14 AWG	#12 AWG	#10 AWG
2/C	18A	25A	30A
3/C	18A	25A	30A
4/C	15A	20A	25A

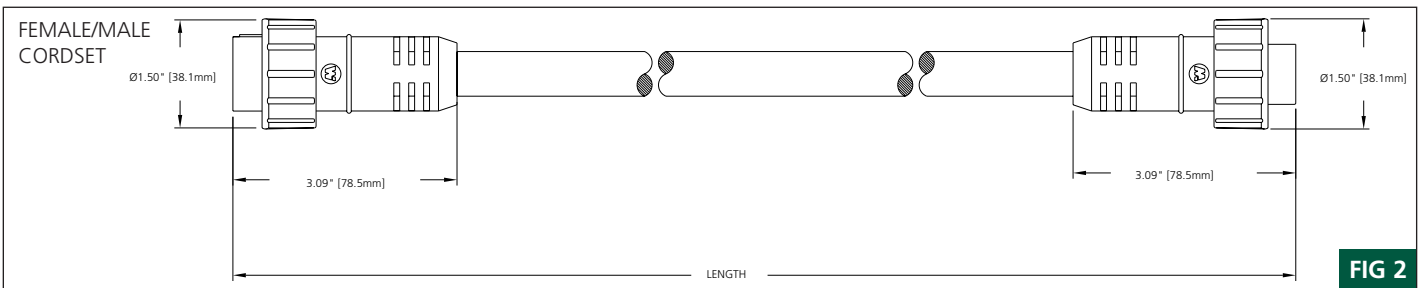
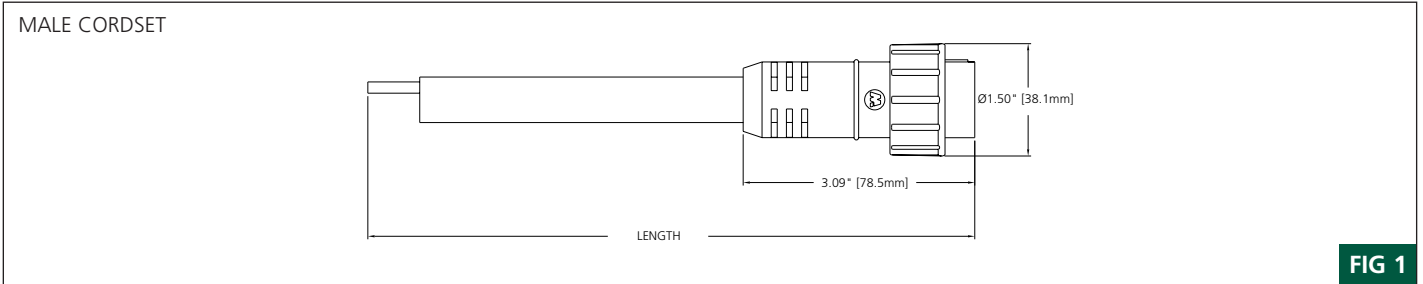
**ENVIRONMENTAL**

PROTECTION: IP 68, NEMA 6P  
 AMBIENT OPERATING TEMP: -4° TO 221° F (-20° TO 105° C)

**CERTIFICATIONS**

UL: UL RECOGNIZED, FILE NO E46237  
 CSA: CSA CERTIFIED, FILE NO LR6837

## CONNECTOR DIMENSIONS



## RECEPTACLE DIMENSIONS

