



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

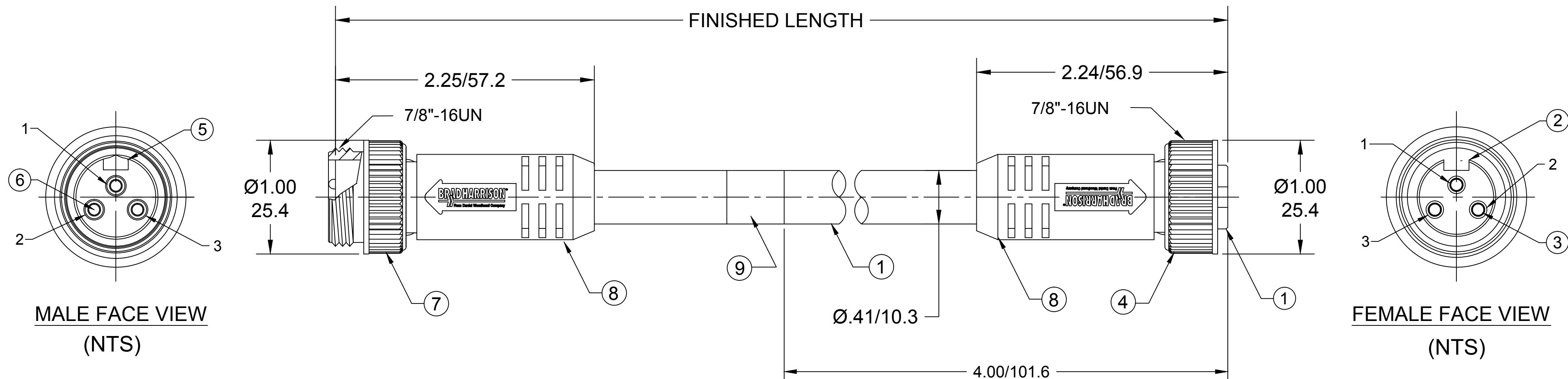
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



PART NO.	ENGINEERING NO.	FINISHED LENGTH
1300102070	113030K13M005	0.5M+44.5mm-0 [1'8"+1.75-0]
1300100487	113030K13M010	1.0M+55.6mm-0 [3'3"+2.19-0]
1300100488	113030K13M020	2.0M+88.9mm-0 [6'7"+3.50-0]

CHART (C1)



NOTES:

- 1. MATERIAL: SEE TABLE
- 2. FINISH: SEE TABLE
- 3. ELECTRICAL:  
VOLTAGE: 500V PER IEC 60664 (C1)  
600V PER UL 2238  
CURRENT: 13A
- 4. TEMP RATING: -20°TO +90°C (C1)
- 5. PROTECTION: IP67 (WHEN MATED)
- 6. UL CERTIFICATION: UL RECOGNIZED, FILE NO. E152210
- 7. ALL DIMS ARE FOR REFERENCE UNLESS NOTED OTHERWISE

# 113030K13M010

LENGTH  
M010 = 1 METER  
M100 = 10 METER  
F050 = 5 FEET  
F500 = 50 FEET  
T=100 METER  
T001 = 101 METER  
T010 = 110 METER

1	GREEN-YELLOW	1
2	BLACK	2
3	WHITE	3

WIRING DIAGRAM

(C1)

MECHANICAL CHARACTERISTICS:

TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

(C1)

CABLE LENGTH TOLERANCES	
>.3M [1FT]:	+19mm-0 [+ .75in-0]
.3 - .9M [1 - 3FT]:	+44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]:	+55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]:	+88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]:	+165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]:	+317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]:	+622.3mm-0 [+24.50in-0]
OVER 30M [100FT]	+2% OF FINISHED LENGTH

ITEM	DESCRIPTION	MATERIAL	FINISH
9	WRAP LABEL	VINYL	BLACK/YELLOW
8	OVERMOLD	ARNITEL	YELLOW
7	COUPLING, MALE	ZINC DIE-CAST	BLACK
6	CONTACT PIN	COPPER ALLOY	GOLD PLATED
5	MALE INSERT (A-SIZE)	ARNITEL	YELLOW
4	COUPLING, FEMALE	ZINC DIE-CAST	BLACK
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT (A-SIZE)	ARNITEL	YELLOW
1	CABLE, 16/3 TC-ER (HI-FLEX)	TPE JACKET	YELLOW

IEC VOLTAGE WAS 400V, ADD CHART & TOOLS
EC NO.: IPG2017-0882
DRWN: RSTONE 3/31/17
CHKD: M ZIELIN 2017/04/10
APPR: BWOODMAN2015/08/12
REV C1

QUALITY SYMBOL	▽=0
	∇=0

	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
4 PLACES	±---	±---
3 PLACES	±---	±---
2 PLACES	±---	±---
1 PLACE	±---	±---
ANGULAR ±---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
IN/MM	
DRAWN BY	DATE
BARDEN	2015/08/12
CHECKED BY	DATE
TWOLDEGE	2009/03/27
APPROVED BY	DATE
JFMURPHY	2015/08/12
MATERIAL NO.	SEE MATRIX
SIZE	C

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
NTS	INCH		
TITLE			
MINI-CHANGE CORDSET 3 POLE MALE/FEMALE TPE CABLE			
MOLEX INCORPORATED		SHEET NO. 1 OF 1	
DOCUMENT NO. SD-130010-001			
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