



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

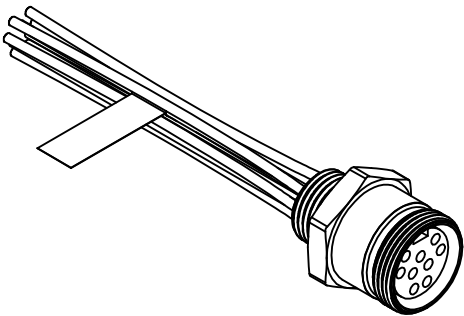
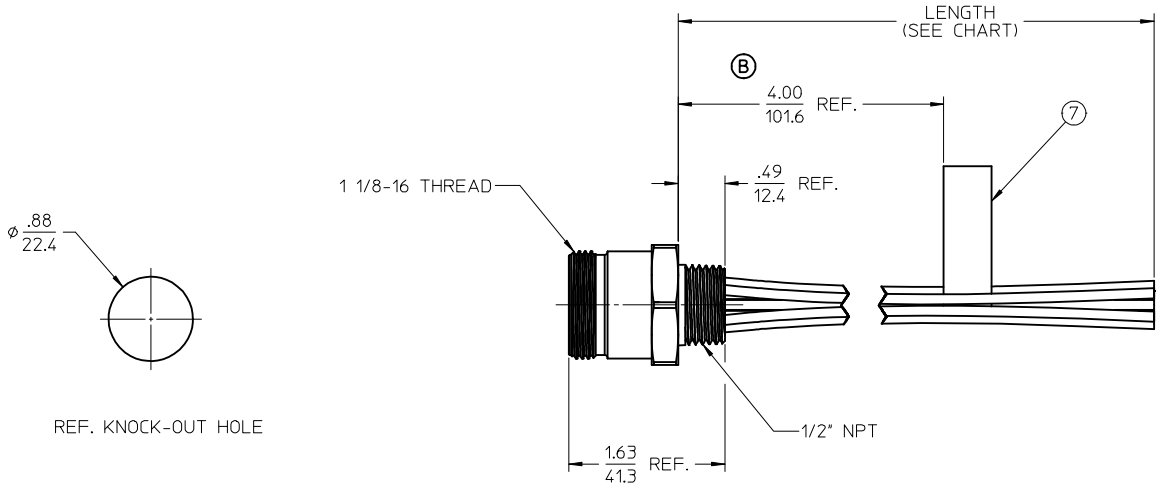
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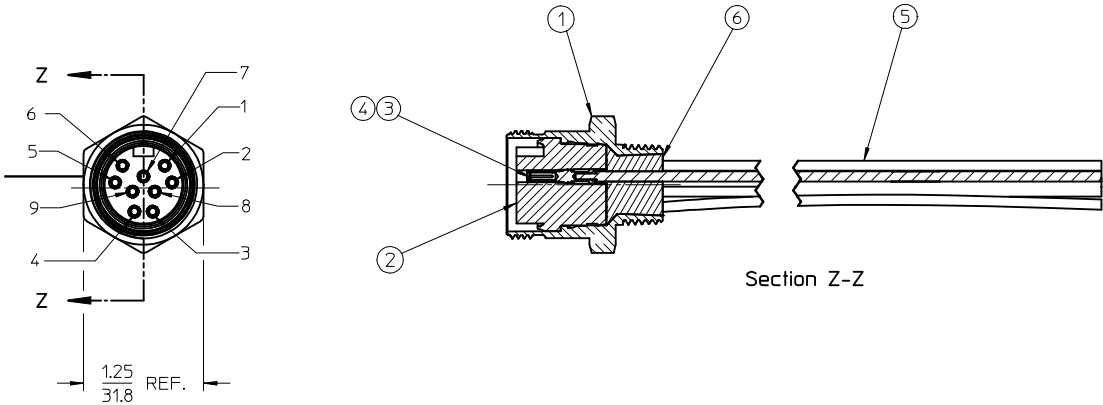
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



MATERIAL NO.	ENGINEERING NO.	LENGTH
1300150117	3R9004A20A120	12' +.75-0 [305mm +19.0-0]
1300150121	3R9004A20F030	3'0" +1.75-0 [ .9M +44.5-0]
1300150124	3R9004A20F060	6'0" +2.19-0 [ 1.8M +55.6-0]



- NOTES:
1. MATERIAL: SEE TABLE
  2. FINISHES: SEE TABLE
  3. MATES WITH: NONE
  4. ELECTRICAL SPECIFICATIONS:  
VOLTAGE RATING: 600V AC/DC  
CURRENT RATING: 7 AMPS
  5. RoHS COMPLIANT

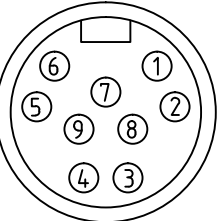
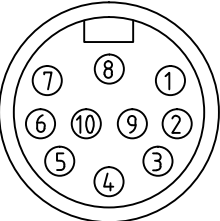
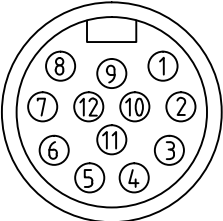


1	ORANGE
2	BLUE
3	RED-BLACK
4	GREEN-BLACK
5	WHITE
6	RED
7	GREEN-YELLOW
8	WHITE-BLACK
9	BLACK

WIRING DIAGRAM

7	1	LABEL	PLASTIC FILM	BLACK/YELLOW
6	1	POTTING	EPOXY	
5	9	WIRE, 16 AWG (UL 1015)	PVC INSULATED	SEE WIRE DIAGRAM
4	9	SOCKET SLEEVE	ST. STEEL	
3	9	CONTACT SOCKET	BRASS	GOLD PLATED
2	1	INSERT	PVC	YELLOW
1	1	RECEPCTACLE SHELL	ZINC ALLOY	E-COAT, BLACK
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

WAS 3.00 EC NO: WNA2010-0101 DRAWN BY: DR. W. STONE CHKD BY: WOODMAN APPR: J. MURPHY DATE: 2009/08/17 DATE: 2009/08/17	QUALITY SYMBOLS  ▽=0 ▽=0	DESCRIPTION	REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 1:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
					mm	INCH	DRAWN BY R. STONE	DATE 2009/03/26	TITLE MC RECEPTACLE, FEMALE 9 POLE, 1/2" NPT	MOLEX INCORPORATED	
				4 PLACES	± .005	± .0005	CHECKED BY B. WOODMAN	DATE 2009/03/27			
				3 PLACES	± .005	± .0005	APPROVED BY J. MURPHY	DATE 2009/03/31			
				2 PLACES	± .005	± .01	MATERIAL NO.	DOCUMENT NO.			
				1 PLACE	± 0.3	± .0005	SIZE C	SHEET NO. 1 OF 1			
				ANGULAR ±1/2°			SEE CHART		SD-130015-002		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

10	9	8	7	6	5	4	3	2	1
FACE VIEW-FEMALE INSERT									
									
1 ORANGE 2 BLUE 3 RED/BLACK 4 GREEN/BLACK 5 WHITE 6 RED 7 GREEN/YELLOW 8 WHITE/BLACK 9 BLACK	1 ORANGE 2 BLUE 3 WHITE/BLACK 4 RED/BLACK 5 GREEN/BLACK 6 ORANGE/BLACK 7 RED 8 GREEN/YELLOW 9 BLACK 10 WHITE	1 ORANGE 2 BLUE 3 WHITE/BLACK 4 RED/BLACK 5 GREEN/BLACK 6 ORANGE/BLACK 7 BLUE/BLACK 8 BLACK/WHITE 9 GREEN/YELLOW 10 RED 11 WHITE 12 BLACK							

Technical drawing of the female connector showing side and front views with dimensions and callouts.

**Side View Dimensions:**

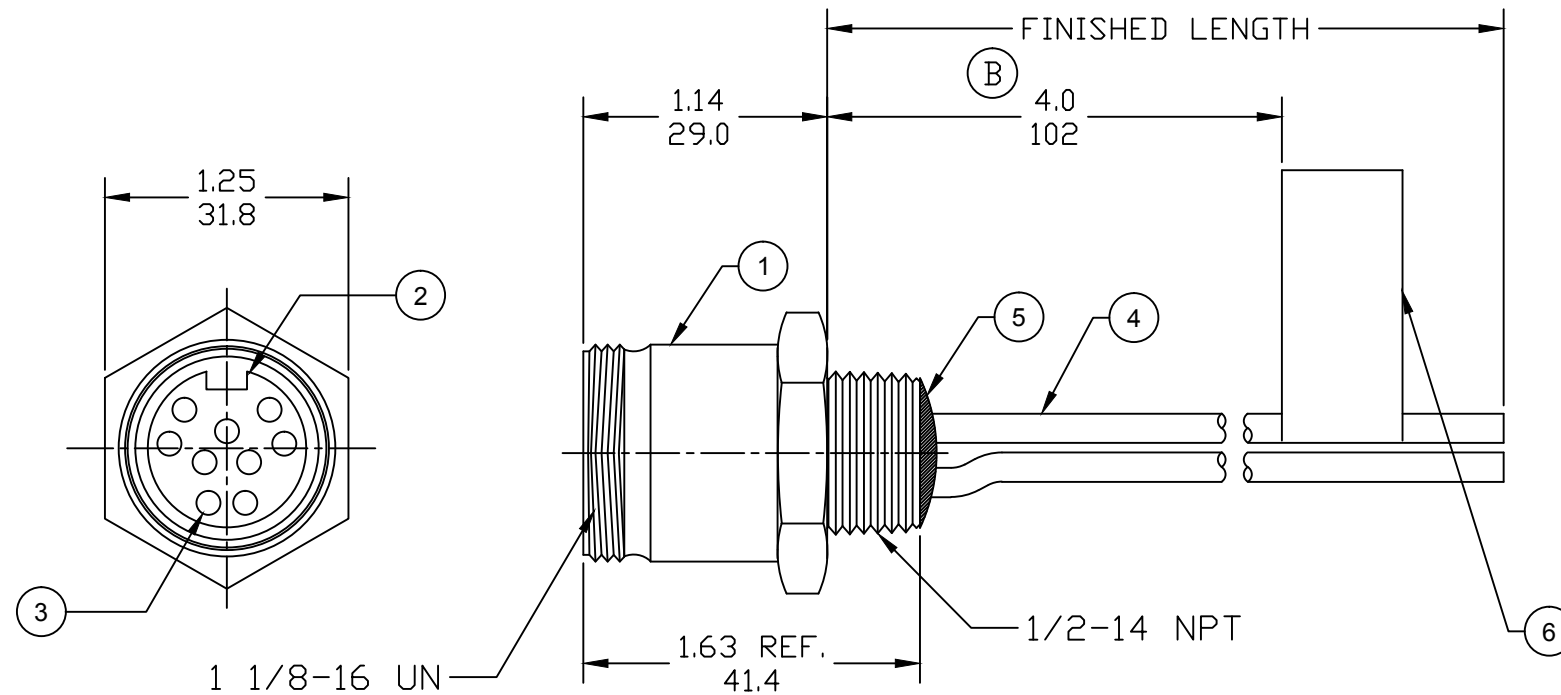
- Overall length: 4.0 (102)
- Distance from end to first thread: 1.14 (29.0)
- Thread section length: 1.63 REF. (41.4)
- Thread specification: 1/2-14 NPT
- Callout 1: Body of the connector
- Callout 2: Flange
- Callout 3: Threaded section
- Callout 4: Wire bundle
- Callout 5: Wire bundle (top view)
- Callout 6: Mounting bracket

**Front View Dimensions:**

- Overall width: 1.25 (31.8)
- Thread specification: 1 1/8-16 UN
- Callout 2: Flange
- Callout 3: Threaded section

NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
  - VOLTAGE: 250V PER IEC60664
  - 600V PER UL2238
  - CURRENT: 9 POLE: 7A
  - 10 POLE: 7A
  - 12 POLE: 5A
4. TEMP RATING: -20°TO +105°C
5. PROTECTION: IP67 (WHEN MATED)
6. DIMS ARE FOR REFERENCE  
UNLESS OTHERWISE NOTED



## B PART NUMBER LEGEND

3R1004A20F0101

POLES —

9= 9 POLES  
1=10 POLES  
2=12 POLES

COUPLING: BLANK= STD <SEE BOM>  
1= 303 STAINLESS ST.

LENGTH:

A120= 12 INCHES  
F001= .1 FT  
F020= 2 FT  
F200= 20 FT

M005= 0.5 METER  
M010= 1 METER  
M100= 10 METER

6	FLAG LABEL	VINYL	BLACK/YELLOW
5	POTTING MATERIAL	EPOXY	
4	WIRE, 16 AWG UL (1015)	PVC INSULATION	SEE CHART
3	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
2	FEMALE INSERT (C-SIZE)	PVC	YELLOW
1	RECEPTACLE SHELL	ZINC DIE-CAST	BLACK
ITEM	DESCRIPTION	MATERIAL	FINISH

REV'D NOTES 3 & 6, P/N LEGEND		EC NO.: IPG2017-0578		DRWN.: RSTONE		12/8/16			
		CH'KD.: K COX		2016/12/15					
		APPR.: BWOODMAN		2016/08/19					
B		REV		DESCRIPTION		QUALITY SYMBOLS		THIRD ANGLE PROJECTION	
						<div><div>▽=0</div><div>▽C=0</div></div>		<div><div>⊙</div><div>◻</div></div>	
GENERAL TOLERANCES (UNLESS SPECIFIED)				mm		INCH		DIMENSION STYLE	
				IN/MM					
4 PLACES				±---		±---		DRAWN BY DATE	
				RSTONE		2016/07/11		TITLE	
3 PLACES				±---		±---			
				K COX		2016/12/15			
2 PLACES				±---		±---		APPROVED BY DATE	
				TWOLEDGE		2016/08/19			
1 PLACE				±---		±---		MATERIAL NO.	
				-				DOCUMENT NO.	
ANGULAR ±2°								SD-130015-026	
								SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
				B					