



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!



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REV.	DATE	DESCRIPTION	BY	DIFF.
01	05.10.00	CONVERSION ME10	J.G.	
02	15.09.99	CORRECTION DRAWING	K.N.	
03	05.10.01	BEC 9.3574	N.L.	
04	29.05.02	BEC 9.3583	N.L.	
05	08/01/07	DELETE EXTERN CHAMFER AT THE REAR OF CTS	R Ch	

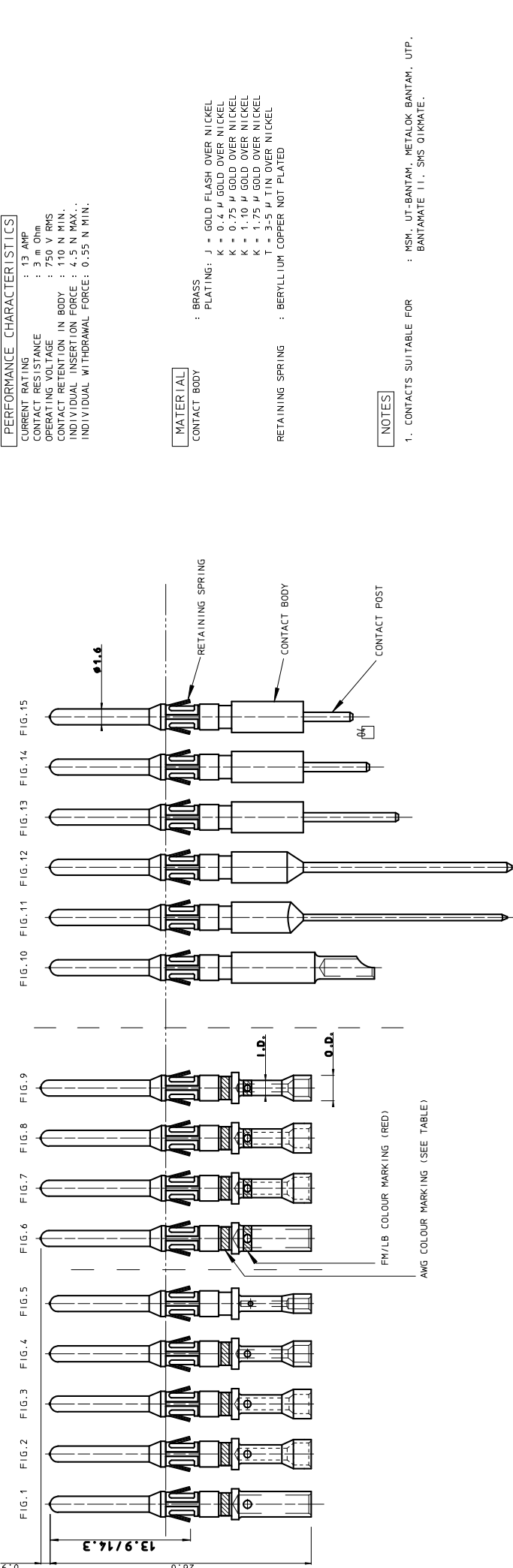
MALE CRIMP CONTACTS

MALE NON-CRIMP CONTACTS

MALE GROUNDING CRIMP CONTACT

MALE CRIMP CONTACTS

MALE CRIMP CONTACTS



**PERFORMANCE CHARACTERISTICS**  
 CURRENT RATING : 13 AMP  
 CONTACT RESISTANCE : 3 m Ohm  
 OPERATING VOLTAGE : 750 V RMS  
 CONTACT RETENTION IN BODY : 110 N MIN.  
 INDIVIDUAL INSERTION FORCE : 4.5 N MAX.  
 INDIVIDUAL WITHDRAWAL FORCE: 0.55 N MIN.

**MATERIAL**  
 CONTACT BODY : BRASS  
 PLATING: J = GOLD FLASH OVER NICKEL  
 K = 0.2 μ GOLD OVER NICKEL  
 L = 0.75 μ GOLD OVER NICKEL  
 M = 1.10 μ GOLD OVER NICKEL  
 N = 1.75 μ GOLD OVER NICKEL  
 O = 3.5 μ TIN OVER NICKEL  
 P = BERYLLIUM COPPER NOT PLATED

**RETAINING SPRING**

**NOTES**

- CONTACTS SUITABLE FOR : NSM, UT-BANTAM, METALOK BANTAM, UTP, BANTAMATE 11, SMS OIKWATE.

MALE CRIMP CONTACTS

PART NUMBER	FIG. 1	COLOUR CODE	WIRE SIZE AWG	WIRE SIZE MM <sup>2</sup>	WIRE DIA. MAX.	INSUL. DIA. MAX.	WIRE STRIP LENGTH	I. D.	O. D.	HAND TOOLS INCLUDING DIE SET WITH 3 GROOVES			HAND TOOLS WITH 3 GROOVES	M10S1 DIE SET (NOT INCLUDED)	STOP BUSHING (NOT INCLUDED)	M8ND DIE SET (NOT INCLUDED)	SEMI-AUTO CRIMPING MACHINE	EXTRACTION TOOL
										POSITIONER (INCLUDED)	LOCATOR SETTING	DIE SET (NOT INCLUDED)						
RM16423*	1	---	20-16	0.52-1.50	1.82	2.2	7.1	2.55	---	---	---	---	---	S3D1	SL39	N16RT21	RCY120	RX2025GE1
RM20M12*	2	BLUE	22-20	0.32-0.52	1.18	2.2	4.8	1.83	2.92	---	MR8GE5	5/7(AWG20)-8(AWG16)	S10	SL40	N20RT30	---	---	
RM20M13*	3	BLACK	22-20	0.32-0.52	1.18	2.92	4.8	1.83	2.92	---	---	5/7(AWG22)-6/7(AWG20)	S10	SL40	N20RT30	---	---	
RM24H9*	4	RED	26-24	0.13-0.20	0.8	1.7	4.8	1.50	2.55	---	---	5/7(AWG26)-6(AWG24)	S9	SL40	N24RT10	---	---	
RM28M1*	5	---	30-28	0.05-0.08	0.55	1.1	4.8	1.90	1.90	---	---	5/4(AWG30)-6/5(AWG28)	S9	SL40	N24RT10	---	---	
RM16423GE1*	6	---	20-16	0.52-1.50	1.82	2.2	7.1	2.55	---	---	Y16RCM	6(AWG20)-8(AWG16)	S3D1	SL39GE1	N16RT21	---	---	
RM20M12GE1*	7	BLUE + RED	22-20	0.32-0.52	1.18	2.2	4.8	1.83	2.92	---	---	5/7(AWG22)-6/7(AWG20)	S10	SL40GE1	N20RT30	---	---	
RM20M13GE1*	8	BLACK + RED	22-20	0.32-0.52	1.18	2.92	4.8	1.83	2.92	---	---	5/7(AWG22)-6/7(AWG20)	S10	SL40GE1	N20RT30	---	---	
RM24H9GE1*	9	RED + RED	26-24	0.13-0.20	0.8	1.7	4.8	1.50	2.55	---	---	5(AWG26)-6(AWG24)	S9	SL40GE1	N24RT10	---	---	

\* PLATING IDENTIFICATION

MALE NON-CRIMP CONTACTS

CATALOG NUMBER	TYPE	FIG.	WIRE SIZE AWG	WIRE SIZE MM <sup>2</sup>	POST CROSS SECTION	LENGTH OUT OF TRIM-TRIO CAVITY	ANTI-ROTATING BUSHING CAT. NR.	EXTRACTION TOOL
RM165E0*	HANDSOLDER	10	16-20	1.50-0.52	Ø 1.7	3.5 <sup>±0.3</sup>	---	---
RM20M12G4*	MINI-WRAP	11	28-30 SOLID	0.08-0.05	T 0.636 X 0.635	16.0 <sup>±0.3</sup>	J1661	RX2025GE1
RM20M12E0*	MAXI-WRAP	12	20-26 SOLID	0.52-0.13	T 1 X 1	16.5 <sup>±0.3</sup>	J1661CGE00	AND
RM20M12E8*	DIPSOLDER	13	---	---	Ø 0.9	5.2 <sup>±0.3</sup>	---	---
RM20M12E81*	DIPSOLDER	14	---	---	Ø 0.9	1.3 <sup>±0.3</sup>	---	---
RM20M12E82*	DIPSOLDER	15	---	---	Ø 0.9	-0.5 <sup>±0.3</sup>	---	RX2025GE2

\* PLATING IDENTIFICATION

**RM-CONTACTS OVERVIEW**

CAT. No. RM- ----

SCALE

SOURIAU  
 Route Nationale 23  
 72470 CHAMPAGNE

**REFERENCES / REFERENTIES**

1DEC ±0.2 1DEC  
 2ZEC ±0.1 2ZEC  
 ANGLES ±1° HOEKEN

APPR. DATE SIGN.  
 DRAFT 17-4-92 M BUEDS

CHECKED  
 PROD. MGR.  
 PR. ENG. MGR.  
 PR. MGT. MGR.

ALL DIMENSIONS IN MM  
 ALLE AFMETINGEN IN MM

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BS.C , 201448 , 002 , 05  
 DRAWING NO. CUSTOMER DRAWING