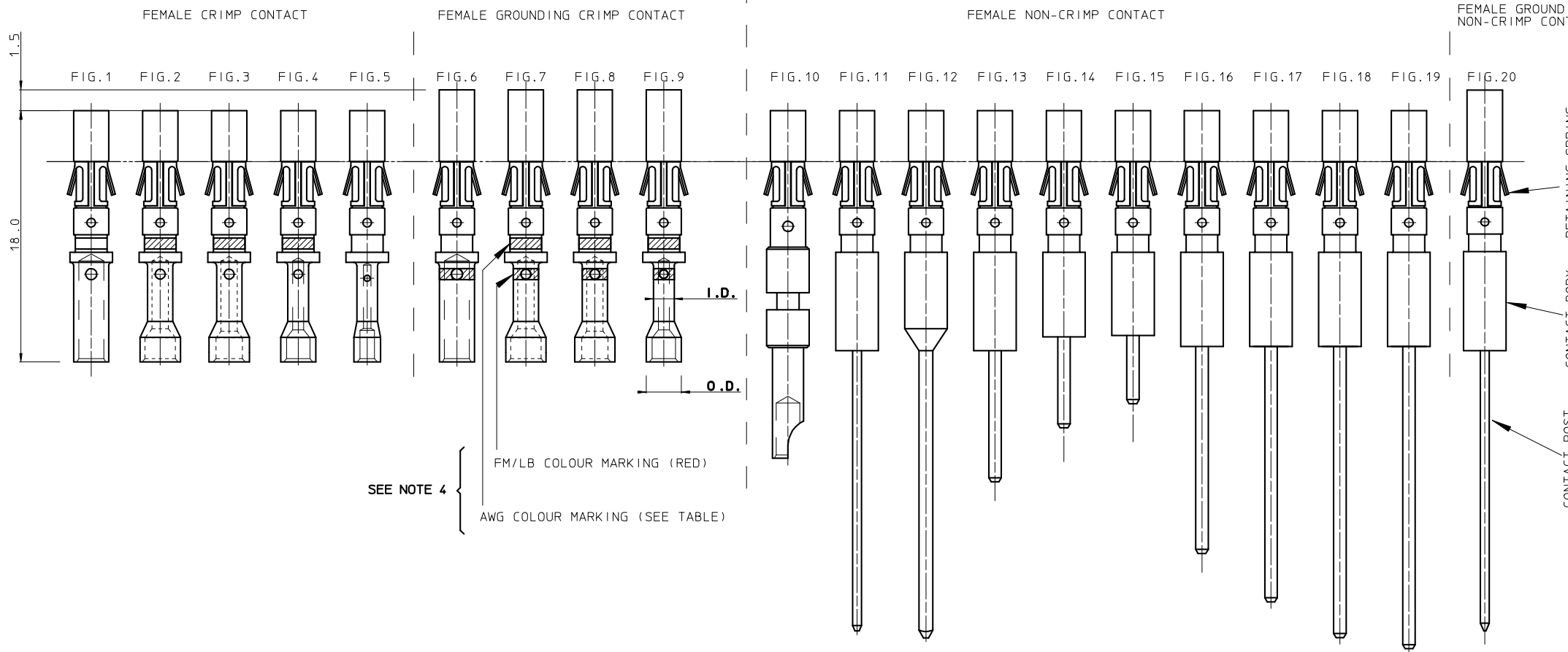


REV.	DATE	DESCRIPTION	BY	DIFF.
03	05.10.01	BEC 9.3574	N.L.	
04	30.05.02	BEC 9.3583	N.L.	
05	13.10.03	RC20M12E85 ET RC20M12E86 ADDED	R Ch	
06	08/01/07	DELETE EXTERN CHANFER AT THE REAR OF CTS	R Ch	N° 18 468 DEM 41726
07	02/04/09	ADD NOTE 3 (PACKING)	R Ch	
08	21/04/09	ADD D70 and D28 PROTECTION - ADD NOTE 4	R Ch	

FEMALE CRIMP CONTACTS

FEMALE NON-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-K-N-L-M-D70-D28 = GOLD FLASH OVER NICKEL  
 T = 3-5 μ TIN OVER NICKEL  
 RETAINING SPRING : BERYLLIUM COPPER NOT PLATED  
 INNER CONTACT SPRING: BERYLLIUM COPPER  
 \* PLATING: J = GOLD FLASH OVER NICKEL  
 K = 0.4 μ GOLD OVER NICKEL  
 N = 0.75 μ GOLD OVER NICKEL  
 L = 1.10 μ GOLD OVER NICKEL  
 M = 1.75 μ GOLD OVER NICKEL  
 T = 3-5 μ TIN OVER NICKEL  
 D70 = GOLD FLASH OVER NICKEL  
 D28 = 0.75 μ GOLD OVER NICKEL

NOTES

- CONTACTS SUITABLE FOR : MSM, UT-BANTAM, METALOK BANTAM, UTP, BANTAMATE II, SMS OIKMATE.
- FEMALE CONTACT ACCEPTS DIA. 1.6 MM MALE CONTACTS.
- PACKING - RC--M--\* 50 pcs Bulk packing  
 - RC--M--E25\* 25 pcs Bulk packing  
 - RC--M--\*1000 1000 pcs Bulk packing
- MARKING - NO COLOUR MARKING FOR D70 AND D28 PROTECTION

FEMALE CRIMP CONTACTS

PART NUMBER	FIG.	COLOUR CODE SEE NOTE 4	WIRE SIZE AWG	WIRE DIA. MM²	WIRE DIA. MAX.	INSUL. DIA. MAX.	WIRE STRIP LENGTH	I.D.	O.D.	HAND-CRIMP-TOOLING					SEMI-AUTO CRIMPING MACHINE	EXTRACTION TOOL	
										HAND TOOLS INCLUDING DIE SET WITH 3 GROOVES	MH860		M10S1				M8ND
											POSITIONER (INCLUDED)	LOCATOR SETTING	DIE SET (NOT INCLUDED)	STOP BUSHING (NOT INCLUDED)			
RC16M23*	1	---	20-16	0.52-1.50	1.82	---	7.1	2.55	---								
RC20M12*	2	BLUE	22-20	0.32-0.52	1.18	2.2	4.8	1.83	2.92								
RC20M13*	3	BLACK	22-20	0.32-0.52	1.18	1.9	4.8	1.83	2.92								
RC24M9*	4	RED	26-24	0.13-0.20	0.8	1.7	4.8	1.50	2.55								
RC28M1*	5	---	30-28	0.05-0.08	0.55	1.1	4.8	1.50	1.90								
RC16M23GE1*	6	--- + RED	20-16	0.52-1.50	1.82	---	7.1	2.55	---								
RC20M12GE1*	7	BLUE + RED	22-20	0.32-0.52	1.18	2.2	4.8	1.83	2.92								
RC20M13GE1*	8	BLACK + RED	22-20	0.32-0.52	1.18	1.9	4.8	1.83	2.92								
RC24M9GE1*	9	RED + RED	26-24	0.13-0.20	0.8	1.7	4.8	1.50	2.55								

\* PLATING IDENTIFICATION

FEMALE NON-CRIMP CONTACTS

CATALOG NUMBER	TYPE	FIG.	WIRE SIZE AWG	WIRE SIZE MM²	POST CROSS SECTION	LENGTH OUT OF TRIM-TRIO CAVITY	ANTI-ROTATING BUSHING CAT. NR.	EXTRACTION TOOL
RC16SE4*	HANDSOLDER	10	16-20	1.50-0.52	∅ 1.7	3.5 <sup>+0.3</sup>	---	
RC20M12G4*	MINI-WRAP	11	28-30 SOLID	0.08-0.05	∩ 0.636 X 0.635	16.0 <sup>+0.3</sup>	J1661	RX2025GE1
RCM207CGE00*	MAXI-WRAP	12	20-26 SOLID	0.52-0.13	∩ 1 X 1	16.5 <sup>+0.3</sup>	J1661CGE00	
RC20M12E8*	DIPSOLDER	13	---	---	∅ 0.9	5.2 <sup>+0.3</sup>	---	AND
RC20M12E81*	DIPSOLDER	14	---	---	∅ 0.9	1.3 <sup>+0.3</sup>	---	RX2025GE2
RC20M12E82*	DIPSOLDER	15	---	---	∅ 0.9	-0.5 <sup>+0.3</sup>	---	
RC20M12E83*	DIPSOLDER	16	---	---	∅ 0.9	10.4 <sup>+0.3</sup>	---	
RC20M12E84*	DIPSOLDER	17	---	---	∅ 0.9	13.9 <sup>+0.3</sup>	---	
RC20M12E85*	DIPSOLDER	18	---	---	∅ 0.9	16.5 <sup>+0.3</sup>	---	
RC20M12E86*	DIPSOLDER	19	---	---	∅ 0.9	17.3 <sup>+0.3</sup>	---	
RC20M12GE41*	MINI-WRAP	20	28-30 SOLID	0.08-0.05	∩ 0.636 X 0.635	16.0	J1661	

\* PLATING IDENTIFICATION

1DEC ±0,2 1DEC 2DEC ±0,1 2DEC ANGLES ±1° HOEKEN	<b>APPR.</b>	<b>DATE</b>	<b>SIGN.</b>	RC CONTACTS OVERVIEW
	DRAFT	17-4-92	M BUEDS	
	CHECKED			
	PROD. MGR.			
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.	PR. ENG. MGR.			SOURIAU Route Nationale 23 72470 CHAMPAGNE
ALL DIMENSIONS IN MM	PR. MGT. MGR.			
	<b>REFERENCES/REFERENTIES</b>			SCALE
ALLE AFMETINGEN IN MM				BS,C , 201448, 001, 08 DRAWING No. CUSTOMER DRAWING

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DIT IS ONZE EIGENDOM EN MAG NOCH NAGEMAAKT, HERDRUKT, OVERGEMAAKT AAN DERDEN, NOCH VOOR FABRIKATIE GEBRUIKT WORDEN, ZONDER ONZE SCHRIFTELIJKE TOELATING, BIJ NIET GEBRUIK IS TERUGZENDING VERPLICHT.