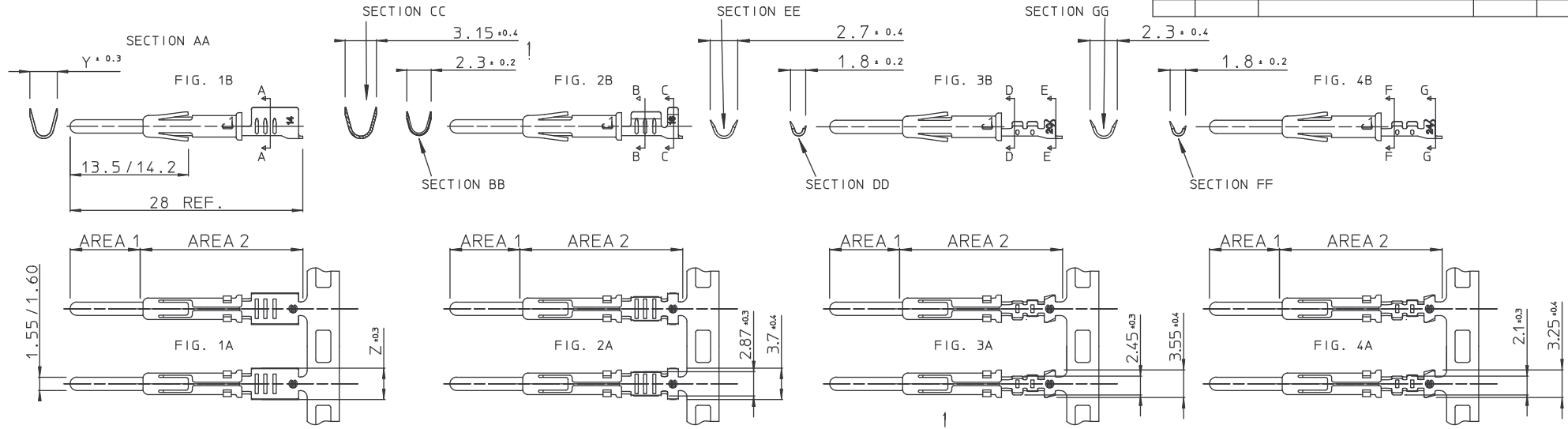


GEN. ST.	01	02	03	04	05	06	07	08	0D	50	60	70	80	90	REV.	DATE	DESCRIPTION	BY	C'K'D'																		
INT. ST.	10	11	12	13	14	18	20	31	32	33	34	38	39	40	42	43	44	45	46	48	56	70	72	73	75	76	81	82	83	84	88	04	08.03.00	TABLE UPDATED WITH CATALOG	K.N.		
																																	05	06.24.03	ADD 'S30' PLATING	R.Ch	
																																	06	09.01.03	MODIFICATION DESCRIPTION 'S30' PLATING'	R.Ch	
																																	07	22.01.04	MODIFICATION DESCRIPTION 'D70' PLATING'	R.Ch	



MALE CONTACT CAT. N°.	FIG.	Z	Y	WIRE SIZE AWG	WIRE SIZE MM²	WIRE INSUL. DIAM. IN MM.	WIRE STRIP LENGTH IN MM.	HAND CRIMP M8ND/Y8ND DIE SET	TOOLING HANDTOOL FOR LOOSE PIECE	AUTOMATIC CRIMP TOOLING LEFT SIDE APPLICATOR (NOT INCLUDED)	STRIPPER UNIT	EXTRACTION TOOL
SM24M1* SM24ML1*	4A 4B			26/24	0.13/0.25	0.89/1.58	4.0	N24RT11	Y16SCM2	MLS0318B		
SM20M1* SM20ML1*	3A 3B			22/20	0.35/0.50	1.17/2.08	4.0	N20RT29		MLS0555A		RX2025GE1
SM16M11* SM16ML11*	2A 2B			18/16	0.80/1.50	3.0	4.65	N16RT26		MLS0356A	SC10S1	RX2025GE2
SM16M1* SM16ML1*	1A 1B	2.87	2.3	18/16	0.80/1.50	2.0/3.0	6.35	N16RT24	Y14SCM	MLS1579		
SM14M1* SM14ML1*	1A 1B	3.3	3.3	14	2.0	3.0	6.35	N14RT13		MLS1047		

**CONSTRUCTION**

CONTACT BODY : HIGH CONDUCTIVITY COPPER ALLOY.  
 OUTER SPRING : STAINLESS STEEL.  
 \* PLATING : S6 = 0.75 μ GOLD MIN. OVER 2 μ Ni (AREA 1)  
 : GOLD FLASH OVER 2 μ Ni (AREA 2)  
 : D70 = GOLD FLASH OVER 2 μ Ni (AREA 1)  
 : TK6 = 2-5 μ Sn PRE-PLATED (AREA 1 + AREA 2)

PACKING CONTACTS ON STRIP : 3000 PCS. PER REEL, E.G. SM16M11\*  
 PACKING LOOSE PIECE CONTACTS : 100 PCS PER STD. PACKING, E.G. SM16ML11\*  
 CONNECTOR ACCOMMODATION

THESE CONTACTS CAN BE USED IN ANY CONTACT POSITION IN ANY CONNECTOR IN THE TRIM TRIO INTERCONNECTION SYSTEM : MSM RECTANGULAR CONN., SMS QIKMATE CONN., UT BANTAM CONN. AND METALOK BANTAM CONN..

**PERFORMANCE CHARACTERISTICS**

CURRENT RATING : 13 A  
 CONTACT RESISTANCE : ≤ 6 m Ohm  
 OPERATING VOLTAGE : 750 V RMS  
 CONTACT RETENTION IN BODY : 65 N MIN.  
 INDIVIDUAL INSERTION FORCE : 3.5 N MAX.  
 INDIVIDUAL WITHDRAWAL FORCE : 0.55 N MIN.

**RELEASED FOR PRODUCTION**

1DEC ± 0.2 2DEC ± 0.1 ANGLES ± 1° HOEKEN	1DEC 2DEC	<b>APPR.</b>	<b>DATE</b>	<b>SIGN.</b>	MALE FORMED TWO PIECE CONTACT
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR REQUIREMENTS WITHOUT PRIOR NOTICE.		DRAFT	11-06-86	R.VERBEEK	<b>CAT. No.</b> SM--M--+
ALL DIMENSIONS IN MM		CHECKED			SOURIAU Route Nationale 23 72470 CHAMPAGNE
ALLE AFMETINGEN IN MM		PROD. MGR.			
		PR.ENG. MGR.			
		PR.MGT. MGR.			
		<b>REFERENCES / REFERENTIES</b>			