

Excellent Integrated System Limited

Stocking Distributor

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[Souriau Connection Technology](#)
[SM16ML1S31](#)

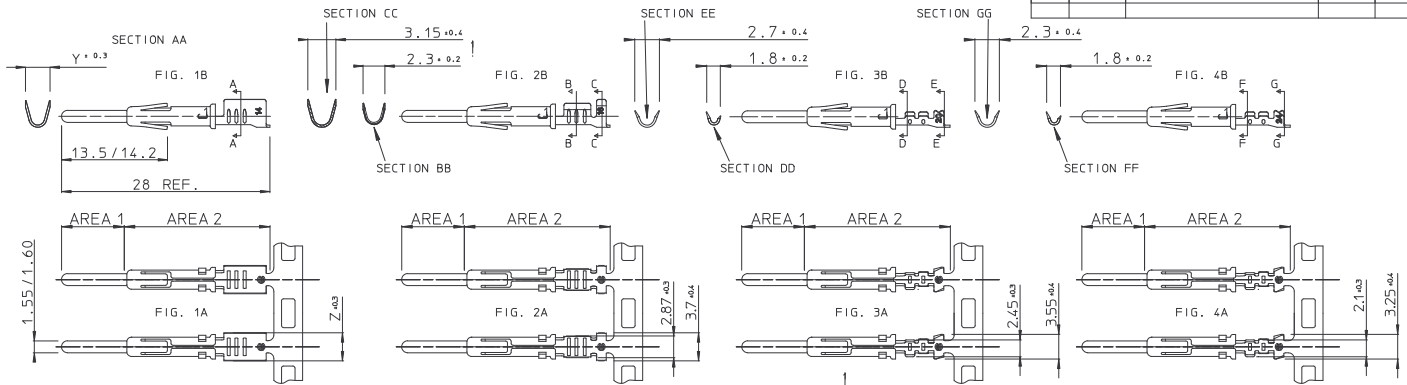
For any questions, you can email us directly:

sales@integrated-circuit.com

BS.C. 200178.001.07

GEN. ST. 01 02 03 04 05 06 07 08 0D 50 60 70 80 90
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

REV.	DATE	DESCRIPTION	BY	C'K'D'
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	
		DELETE 'S30' PLATING		



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 LEFT SIDE APPLICATOR (NOT INCLUDED)	CRIMP TOOLING STRIPPER UNIT	EXTRACTION TOOL
SM24M1*	4A			26/24	0.13/0.25	0.89/1.58	4.0	N24RT11	Y16SCM2	MLS0318B	SC10S1	RX2025GE1
SM24ML1*	4B									MLS0555A		
SM20M1*	3A			22/20	0.35/0.50	1.17/2.08	4.0	N20RT29		MLS0356A		
SM16M11*	2A			18/16	0.80/1.50	3.0	4.65	N16RT26	Y14SCM	MLS1579	SC10S1	RX2025GE2
SM16ML1*	1A	2.87	2.3	18/16	0.80/1.50	2.0/3.0	6.35	N16RT24		MLS1047		
SM16M1*	1A											
SM14M1*	1A	3.3	3.3	14	2.0	3.0	6.35	N14RT13				
SM14ML1*	1B											

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 GIKMATE 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 1DEC 2DEC ±0.1 2DEC ANGLES ±1° HOEKEN	APPR.	DATE	SIGN.	MALE FORMED TWO PIECE CONTACT	
WE RESERVE THE RIGHT TO CHANGE DIMENSIONS OR PRESENTATIONS WITHOUT PRIOR NOTICE. ALL DIMENSIONS IN MM ALLE AFMETINGEN IN MM	DRAFT	11-06-86	R. VERBEEK	CAT. No.	SM - M - - +
	CHECKED			SOURIAU	
	PROD. MGR.			Route Nationale 23	
	PR. ENG. MGR.			72470 CHAMPAGNE	
REFERENCES / REFERENTIES				SCALE	
				BS.C. 200178.001.07	
				DRAWING No.	CUSTOMER DRAWING