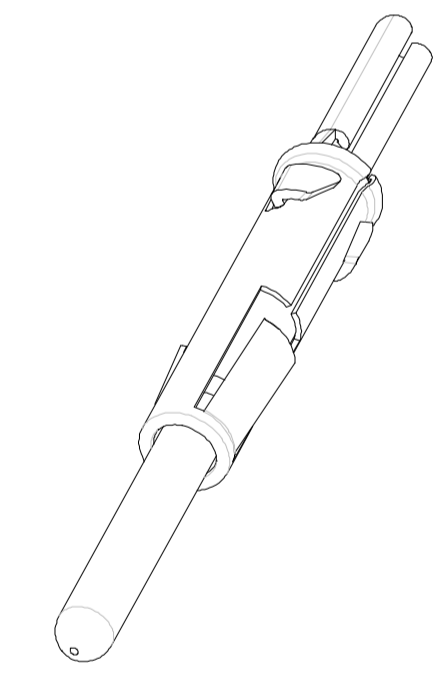


MALE CONTACT CAT. N°	FIG.	Z	Y	WIRE SIZE		WIRE INSUL. DIAM. IN MM.	WIRE STRIP LENGTH IN MM.	HAND CRIMP TOOLING		EXTRACTION TOOL
				AWG	MM ²			DIE SET	HANDTOOL FOR LOOSE PIECE	
SM24M1* / SM24M1*REV	4A			26/24	0.12/0.25	0.90/1.60	4.0	S16SCM20	SHANDLES	RX2025GE1
SM24ML1*	4B									
SM20M1* / SM20M1*REV	3A			22/20	0.32/0.50	1.20/2.10	4.0	S16SCM20	SHANDLES	
SM20ML1*	3B									
SM16M11* / SM16M11*REV	2A			18/16	0.82/1.50	3.0 Max	4.65	S16SCML11	SHANDLES	
SM16ML11*	2B									
SM16M1* / SM16M1*REV	1A	2.87	2.3	18/16	0.82/1.50	3.2 Max	6.35	S16SCML1	SHANDLES	
SM16ML1*	1B									
SM14M1* / SM14M1*REV	1A	3.3	3.3	14	2.10/2.50	3.2 Max	6.35	S16SCML1	SHANDLES	
SM14ML1*	1B									



Country	Jurisdiction & Control_List
FR	NOT LISTED

CUSTOMER DRAWING

* PLATING

S6 = 0.75 μ GOLD MIN. OVER Ni (AREA 1)
 GOLD FLASH OVER Ni (AREA 2)

D70 = 0.13 μ GOLD MIN. OVER Ni (AREA 1) For standard winding
 GOLD FLASH OVER Ni (AREA 2)

TK6 = 0.5-2.5 μ Sn PRE-PLATED (AREA 1 + 2)

S18 = 0,75 μ GOLD MIN OVER Ni (AREA 1)
 1,3 μ MINI Sn OVER Ni (AREA 3)
 1,3 μ MINI Ni (AREA 4)

S31 = GOLD FLASH OVER Ni (AREA 1)
 1,3 μ MINI Sn OVER Ni (AREA 3) For standard winding only
 1,3 μ MINI Ni (AREA 4)

D70REV = 0.13 μ GOLD MIN. OVER Ni (AREA 1)
 1,3 μ MINI Sn OVER Ni (AREA 3) For reverse winding
 1,3 μ MINI Ni (AREA 4)

CONSTRUCTION

CONTACT BODY : HIGH CONDUCTIVITY COPPER ALLOY.
 OUTER SPRING : STAINLESS STEEL.

PACKING CONTACTS ON STANDARD STRIP : 3000 PCS. PER REEL, E.G. SM16M11*
 PACKING CONTACTS ON REVERSE STRIP : 3000 PCS. PER REEL, E.G. SM16M11*REV
 FOR WINDING DIRECTION ON REEL (STANDARD OR REVERSE) : SEE BS.C.202338.003

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 : M5M - M5G - MB RECTANGULAR CONN. , SM5 QIKMATE CONN. , UTO - UTS - UTL - UTG AND UTP - MBG CIRCULAR 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.

D 24/10/16 Update of the cartridge		TESSIER	-
IND	DATE	LIBELLE	EMIS PAR
DEFINI PAR :	R. Verbeek	LE:11-06-86	TYPE DE PLAN: CUSTOMER DRAWING
VERIFIE PAR :	-	LE:-	-
LES COTES S'ENTENDENT AVANT PROTECTION / FINITION			
DENOMINATION: MALE FORMED TWO PIECE CONTACT SM--M---			
ECHELLE	TOLERANCES GENERALES	MATIERE: -	N°: -
1/1	ANGULAIRES: +- *	-	-
	LINEAIRES: +- *	PROTECTION: -	CODE: -
USINAGE GENERAL	ETAT DE SURFACE	DEFAUTS DE GEOMETRIE VOIR NF E 04-552	REFERENCE MATERIEL
			IT
www.souriau.com		CE DOCUMENT EST LA PROPRIETE DE SOURIAU IL NE PEUT ETRE REPRODUIT OU COMMUNIQUE SANS SON AUTORISATION	
FORMAT	REFERENCE PLAN	FOLIO	
A1	BS-C-200178-001	1/1	

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[SM16ML11S31](#) [SM16M11D70](#) [SM14ML1D70](#) [SM24M1S6](#)