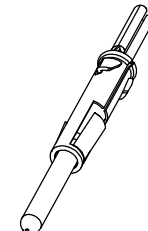


MALE CONTACT CAT. N°	FIG.	Z	Y	WIRE SIZE		WIRE INSUL. DIAM. IN MM.	WIRE STRIP LENGTH IN MM.	HAND CRIMP TOOLING		EXTRACTION TOOL
				AWG	MM ²			DIE SET	HANDTOOL FOR LOOSE PIECE	
SM24M1* / SM24M1*REV	4A			26/24	0.12/0.25	0.90/1.60	4.0	S16SCM20	HANDLES	RX20256E1
SM24ML1*	4B									
SM20M1* / SM20M1*REV	3A			22/20	0.32/0.50	1.20/2.10	4.0	S16SCM20	HANDLES	
SM20ML1*	3B									
SM16M11* / SM16M11*REV	2A			18/16	0.82/1.50	3.0 Max	4.65	S16SCL11	HANDLES	
SM16ML11*	2B									
SM16M1* / SM16M1*REV	1A	2.87	2.3	18/16	0.82/1.50	3.2 Max	6.35	S16SCL1	HANDLES	
SM16ML1*	1B									
SM14M1* / SM14M1*REV	1A	3.3	3.3	14	2.10/2.50	3.2 Max	6.35	S16SCL1	HANDLES	
SM14ML1*	1B									



- * 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)

SEE FIG.1B-2B-3B-4B

SEE FIG.1B-2B-3B-4B

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 : MSM - MSG - MB RECTANGULAR CONN. , SMS 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.

CUSTOMER DRAWING

C 18/02/13	UPDATE HAND CRIMP TOOLING ADD DETAIL FOR EACH P/N SM-ML--	BOUILLARD	LENER	
IND. DATE	LIBELLE	REVIS. PAR	CONTROLE PAR	(MODIFICATION)
DEFINI PAR : R. Vorbeck	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 : ± - °	PROTECTION	CODE	
	LINEAIRES : ± -			
	ETAT DE SURFACE	DEFIANTS DE GEOMETRIE VOIR N° E 04-552	REFERENCE MATERIEL	AFFAIRE TT
SOURIAU		www.souriau.com		CE DOCUMENT EST LA PROPRIETE DE SOURIAU IL NE PEUT ETRE REPRODUIT NI COMMUNIQUE SANS SON AUTORISATION
FORMAT	REFERENCE PLAN			FOLIO
A1	BS-C-200178-001			1/1