

ELECTRICAL CHARACTERISTICS	DIAMETER MALE CONTACT	1.6 mm
	RATED VOLTAGE	110 U 220V AC according to NFF 61030
	WITHSTAND VOLTAGE	2 550V AC according to NFF 61030
	CREEPAGE DISTANCE	2.5 mm
	CLEARANCE	2.5 mm
ENVIRONMENTAL CHARACTERISTICS	RATED CURRENT FOR THE CONNECTOR WITH ALL CONTACTS	7.5 A
	INSULATION RESISTANCE	>4000 M $\Omega$
	CONTACT RESISTANCE	< OU = 2.5 m $\Omega$
	CLIMATIC RANGE	40/100/21
	PROTECTION DEGREE (CONNECTOR MATED)	IP30
MECHANICAL CHARACTERISTICS	FIRE BEHAVIOUR	I2F3
	CORROSION BEHAVIOUR	96 H
	TEMPERATURE RANGE	-40 / +100°C
	ROHS COMPLIANT	OUI
	MATING FORCE	VERSION 3 POINTS - 6.5 N VERSION 6 POINTS - 13.5 N VERSION 12 POINTS - 27 N VERSION 18 POINTS - 40 N
INSULATOR RETENTION FORCE	N/A	
CONTACTS RETENTION FORCE	>15N	
CONTACTS PROTECTION (SCOOP PROOF)	50%	

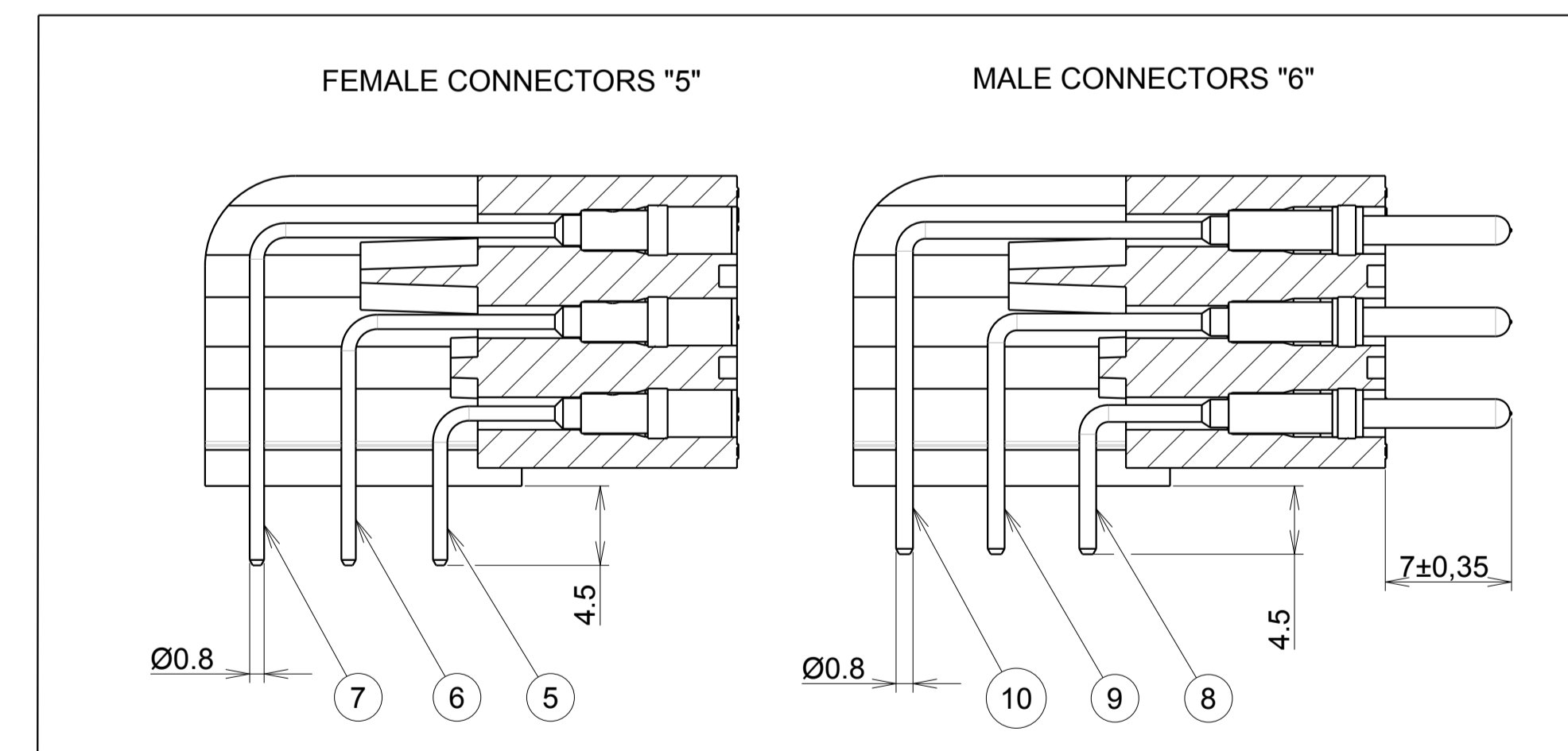
NOTA : Discrimination option : See drawing BS.C.201424.003

Mark	P/N	Layout	Designation	Material	Weight (grs)
4	SMS18GE63	18	MALE RECEPTACLE - 18 POINTS	RECEPTACLE = POLYAMID PA 6.6	21.5
	SMS18GE53		FEMALE RECEPTACLE - 18 POINTS	CONTACTS (See "table contacts")	21.5
3	SMS12GE63	12	MALE RECEPTACLE - 12 POINTS	RECEPTACLE = POLYAMID PA 6.6	15.5
	SMS12GE53		FEMALE RECEPTACLE - 12 POINTS	CONTACTS (See "table contacts")	15.5
2	SMS6GE63	6	MALE RECEPTACLE - 6 POINTS	RECEPTACLE = POLYAMID PA 6.6	8
	SMS6GE53		FEMALE RECEPTACLE - 6 POINTS	CONTACTS (See "table contacts")	8
1	SMS3GE63	3	MALE RECEPTACLE - 3 POINTS	RECEPTACLE = POLYAMID PA 6.6	4
	SMS3GE53		FEMALE RECEPTACLE - 3 POINTS	CONTACTS (See "table contacts")	4

**PART NUMBER'S EXAMPLE** SMS 6 GE 5 3

**SMS CONNECTORS**  
Layout  
Solid machined contacts  
"5" -->Female contact  
"6" -->Male contact  
Specif. =Fire Behaviour

Mark	Designation	Material	Weight (grs)
10	PIN	BRASS	0.6
9			0.6
8			0.6
7	SOCKET	BRASS	0.6
6			0.6
5			0.6



a		New drawing	
ISS DATE	04/07/11	Latest modification - by:	SORIN V. MOD N°
Designed by:	SORIN V.	Date:	04/07/11
TITLE		CUSTOMER DRAWING	
BORDMOUNT QIKMATE			
RIGHT ANGLE BOARDMOUNT WITH CONTACTS			
Scale	3/1	General linear Tolerances:	± 0.5
FORMAT		SOURIAU DRG N°	
A1		SMS-XX-GE53-GE63-C	
SHEET			1 / 1