
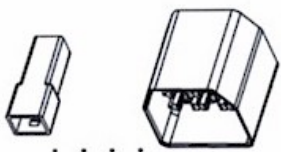


MATING TERMINALS	MATING HOUSINGS
 Mating Receptacles FF638221 -521 -621	 6.3 SERIES MULTIWAYS FROM 1 TO 11 POLES

INDEX	DESCRIPTION	DATE
04	ADDED INFORMATION ABOUT MATING HOUSING	11 JAN 2015

TREATMENT	MATERIAL	WIRE SECTION	CODE
-	BRASS	18 - 13 AWG / 0,75 - 2,5 mmq	FM638531
Pre tinned	BRASS	18 - 13 AWG / 0,75 - 2,5 mmq	FM638532
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

PULLOUT FORCE - DIN 46 249	
Wire Section	Newton ± 1 N
20 AWG - 0.5 mmq	80 N
15 AWG - 1.5 mmq	200 N
13 AWG - 2.5 mmq	250 N

CURRENT RATING AT 20°C - DIN 46 249			
	Brass	Tin Plated Brass	Nickel Steel
Current capacity at 1 mmq	12 A	12 A	12 A
Current capacity at 2.5 mmq	20 A	20 A	20 A
Maximal Working Temp.	90 °C	120° C	300 °C

CRIMP DIMENSIONS - mm ± 0.2mm			
Wire Section	Wire Conductor Barrel		Insulation Barrel
	Crimp Width	Crimp Height	Crimp Width
20 AWG - 0.5 mmq	2.1 - 2.5	1.0 - 1.4	2.4 - 3.4
15 AWG - 1.5 mmq	2.3 - 2.9	1.2 - 1.7	3.3 - 4.8
13 AWG - 2.5 mmq	2.7 - 3.5	1.4 - 2.0	3.6 - 5.5

INSERTION AND WITHDRAWAL FORCE				
Newton ± 1 N	1st Insertion	1st Withdrawal	5th Withdrawal	10th Withdrawal
DIN ---	----	----	----	----
MIKROPLA	----	----	----	----

NAME: **FM638531**

DIN 46 340
6,3x0,8 QUICK CONNECT
RECEPTACLE

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TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± 0.5	MATERIAL: SEE TABLE
1 PLC	± 0.3	WEIGHT: ---
2 PLC	± 0.1	FINISH: ---
ANGLES	± 2'	

DWN.: C.S.
 DATE: 9 GEN 1993

CHK.: G.C.
 DATE: 11 JAN 2015

REV.: 04

DIMENSIONS: mm
 SCALE: 4:1
 SIZE: A4
 SHEET 1 OF 1

 **mikropla**

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