

NEGATIVE TEMPERATURE COEFFICIENT (NTC) > RING TEMPERATURE SENSOR CABLE ASSEMBLIES



Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Россия +7(495)268-04-70

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47
Казахстан +7(7172)727-132

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Киргизия +996(312)96-26-47

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93



TABLE OF CONTENTS

3 Description

4 Product Specs

Reference Data

Cable Assembly Product Key

Mounting Information

5 M2 NTC Ring Temperature Sensor Cable Assemblies with Connector

11 M3.5 NTC Ring Temperature Sensor Cable Assemblies with Connector

17 M4 NTC Ring Temperature Sensor Cable Assemblies with Connector

23 NTC Ring Temperature Sensor Cable Assemblies without Connector



NEGATIVE TEMPERATURE COEFFICIENT (NTC) > RING TEMPERATURE SENSOR CABLE ASSEMBLIES



Molex's NTC Ring Temperature Sensor Cable Assemblies are available in a variety of beta values, resistances, lengths and temperature ranges to meet a diverse range of applications.

These cables include a ring terminal mounting tab that thermally transfers heat to improve the accuracy of the attached thermistor. The Thermistor can be placed anywhere in a product for versatility and excellent temperature sensing solutions.

Molex NTC Ring Temperature Cable Assemblies also feature 1.25mm-pitch Micro-Lock Plus Connectors to deliver a market-ready solution for temperature sensing. With this secure and reliable connector pre-attached for easy assembly, customers can save time and money.

Negative Temperature Coefficient (NTC) Ring Temperature Sensor Cable Assemblies

FEATURES

Ring terminal mounting tab

Thermally Conductive Epoxy

Diverse lengths

Micro-Lock Plus Connector

ADVANTAGES

Enables secure surface mounting and heat detection

Assists in heat transfer from ring terminal to NTC chip

Support accurate surface temperature readings in difficult to reach locations

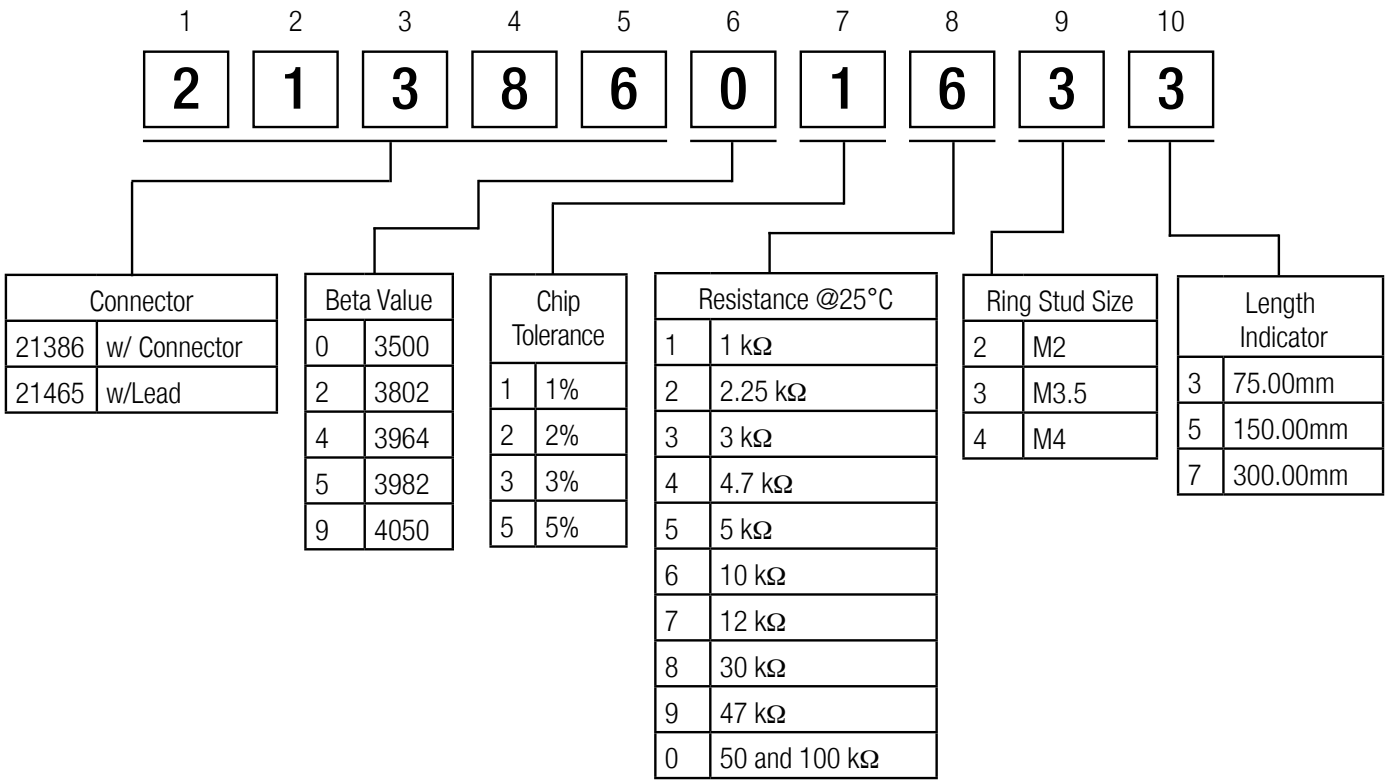
Allows for immediate plug-and-play functionality and supports secure mating retention

molex

REFERENCE DATA

PARAMETER	OPTIONS	UNIT
Resistance @ 25°C	1, 2.25, 3, 4.7, 5, 10, 12, 20, 30, 47, 50, 100	kohms
Resistance Tolerance	1, 2, 3, 5	%
Operating Temperature Range	-40 to +150; -40 to +105	°C
Dissipation Constant (in air)	3.2	mW/K
Thermal Time Constant	5	s
Temperature Coefficient Resistance	-4.4	%/°C
Max Power	100	mW
Mounting Hole Diameter	M2, M3.5, M4	mm
Beta Value @ B25/85	3500, 3802, 3964, 3982, 4050	K
Molex Connector	5055650201	

CABLE ASSEMBLY PRODUCT KEY



MOUNTING INFORMATION

For NTC cable assemblies without connectors, the end wire can be crimped, welded or soldered to make an electrical connection.

For NTC assemblies with the connector, the cable can be mated to:

- Micro-Lock Plus Vertical Header 505568
- Micro-Lock Plus Right-Angle Header 505567

M2 Ring Terminal with Connector
NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138601623	3500	75.00	10	1	-40 to +105	
2138601625	3500	150.00	10	1	-40 to +105	
2138601627	3500	300.00	10	1	-40 to +105	
2138602623	3500	75.00	10	2	-40 to +105	
2138602625	3500	150.00	10	2	-40 to +105	
2138602627	3500	300.00	10	2	-40 to +105	
2138603623	3500	75.00	10	3	-40 to +105	
2138603625	3500	150.00	10	3	-40 to +105	
2138603627	3500	300.00	10	3	-40 to +105	
2138605623	3500	75.00	10	5	-40 to +105	
2138605625	3500	150.00	10	5	-40 to +105	
2138605627	3500	300.00	10	5	-40 to +105	
2138621623	3802	75.00	10	1	-40 to +105	
2138621625	3802	150.00	10	1	-40 to +105	
2138621627	3802	300.00	10	1	-40 to +105	
2138622623	3802	75.00	10	2	-40 to +105	
2138622625	3802	150.00	10	2	-40 to +105	
2138622627	3802	300.00	10	2	-40 to +105	
2138623623	3802	75.00	10	3	-40 to +105	
2138623625	3802	150.00	10	3	-40 to +105	
2138623627	3802	300.00	10	3	-40 to +105	
2138625623	3802	75.00	10	5	-40 to +105	
2138625625	3802	150.00	10	5	-40 to +105	
2138625627	3802	300.00	10	5	-40 to +105	
2138651023	3982	75.00	20	1	-40 to +105	
2138651023	3982	75.00	50	1	-40 to +105	
2138651023	3982	75.00	100	1	-40 to +105	
2138651025	3982	150.00	20	1	-40 to +105	

M2 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138651025	3982	150.00	50	1	-40 to +105	
2138651025	3982	150.00	100	1	-40 to +105	
2138651027	3982	300.00	20	1	-40 to +105	
2138651027	3982	300.00	50	1	-40 to +105	
2138651027	3982	300.00	100	1	-40 to +105	
2138651123	3982	75.00	1	1	-40 to +105	
2138651125	3982	150.00	1	1	-40 to +105	
2138651127	3982	300.00	1	1	-40 to +105	
2138651223	3982	75.00	2.25	1	-40 to +105	
2138651225	3982	150.00	2.25	1	-40 to +105	
2138651227	3982	300.00	2.25	1	-40 to +105	
2138651323	3982	75.00	3	1	-40 to +105	
2138651325	3982	150.00	3	1	-40 to +105	
2138651327	3982	300.00	3	1	-40 to +105	
2138651423	3982	75.00	4.7	1	-40 to +105	
2138651425	3982	150.00	4.7	1	-40 to +105	
2138651427	3982	300.00	4.7	1	-40 to +105	
2138651523	3982	75.00	5	1	-40 to +105	
2138651525	3982	150.00	5	1	-40 to +105	
2138651527	3982	300.00	5	1	-40 to +105	
2138651623	3982	75.00	10	1	-40 to +105	
2138651623	3982	75.00	10	1	-40 to +105	
2138651625	3982	150.00	10	1	-40 to +105	
2138651625	3982	150.00	10	1	-40 to +105	
2138651627	3982	300.00	10	1	-40 to +105	
2138651627	3982	300.00	10	1	-40 to +105	
2138651723	3982	75.00	12	1	-40 to +105	
2138651725	3982	150.00	12	1	-40 to +105	
2138651727	3982	300.00	12	1	-40 to +105	
2138651823	3982	75.00	30	1	-40 to +105	
2138651825	3982	150.00	30	1	-40 to +105	
2138651827	3982	300.00	30	1	-40 to +105	
2138651923	3982	75.00	47	1	-40 to +105	
2138651925	3982	150.00	47	1	-40 to +105	

M2 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (k Ω)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138651927	3982	300.00	47	1	-40 to +105	
2138652023	3982	75.00	20	2	-40 to +105	
2138652023	3982	75.00	50	2	-40 to +105	
2138652023	3982	75.00	100	2	-40 to +105	
2138652025	3982	150.00	20	2	-40 to +105	
2138652025	3982	150.00	50	2	-40 to +105	
2138652025	3982	150.00	100	2	-40 to +105	
2138652027	3982	300.00	20	2	-40 to +105	
2138652027	3982	300.00	50	2	-40 to +105	
2138652027	3982	300.00	100	2	-40 to +105	
2138652123	3982	75.00	1	2	-40 to +105	
2138652125	3982	150.00	1	2	-40 to +105	
2138652127	3982	300.00	1	2	-40 to +105	
2138652223	3982	75.00	2.25	2	-40 to +105	
2138652225	3982	150.00	2.25	2	-40 to +105	
2138652227	3982	300.00	2.25	2	-40 to +105	
2138652323	3982	75.00	3	2	-40 to +105	
2138652325	3982	150.00	3	2	-40 to +105	
2138652327	3982	300.00	3	2	-40 to +105	
2138652423	3982	75.00	4.7	2	-40 to +105	
2138652425	3982	150.00	4.7	2	-40 to +105	
2138652427	3982	300.00	4.7	2	-40 to +105	
2138652523	3982	75.00	5	2	-40 to +105	
2138652525	3982	150.00	5	2	-40 to +105	
2138652527	3982	300.00	5	2	-40 to +105	
2138652623	3982	75.00	10	2	-40 to +105	
2138652623	3982	75.00	10	2	-40 to +105	
2138652625	3982	150.00	10	2	-40 to +105	
2138652625	3982	150.00	10	2	-40 to +105	
2138652627	3982	300.00	10	2	-40 to +105	
2138652627	3982	300.00	10	2	-40 to +105	
2138652723	3982	75.00	12	2	-40 to +105	
2138652725	3982	150.00	12	2	-40 to +105	
2138652727	3982	300.00	12	2	-40 to +105	

M2 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (k Ω)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138652823	3982	75.00	30	2	-40 to +105	
2138652825	3982	150.00	30	2	-40 to +105	
2138652827	3982	300.00	30	2	-40 to +105	
2138652923	3982	75.00	47	2	-40 to +105	
2138652925	3982	150.00	47	2	-40 to +105	
2138652927	3982	300.00	47	2	-40 to +105	
2138653023	3982	75.00	20	3	-40 to +105	
2138653023	3982	75.00	50	3	-40 to +105	
2138653023	3982	75.00	100	3	-40 to +105	
2138653025	3982	150.00	20	3	-40 to +105	
2138653025	3982	150.00	50	3	-40 to +105	
2138653025	3982	150.00	100	3	-40 to +105	
2138653027	3982	300.00	20	3	-40 to +105	
2138653027	3982	300.00	50	3	-40 to +105	
2138653027	3982	300.00	100	3	-40 to +105	
2138653123	3982	75.00	1	3	-40 to +105	
2138653125	3982	150.00	1	3	-40 to +105	
2138653127	3982	300.00	1	3	-40 to +105	
2138653223	3982	75.00	2.25	3	-40 to +105	
2138653225	3982	150.00	2.25	3	-40 to +105	
2138653227	3982	300.00	2.25	3	-40 to +105	
2138653323	3982	75.00	3	3	-40 to +105	
2138653325	3982	150.00	3	3	-40 to +105	
2138653327	3982	300.00	3	3	-40 to +105	
2138653423	3982	75.00	4.7	3	-40 to +105	
2138653425	3982	150.00	4.7	3	-40 to +105	
2138653427	3982	300.00	4.7	3	-40 to +105	
2138653523	3982	75.00	5	3	-40 to +105	
2138653525	3982	150.00	5	3	-40 to +105	
2138653527	3982	300.00	5	3	-40 to +105	
2138653623	3982	75.00	10	3	-40 to +105	
2138653623	3982	75.00	10	3	-40 to +105	
2138653625	3982	150.00	10	3	-40 to +105	
2138653625	3982	150.00	10	3	-40 to +105	

M2 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138653627	3982	300.00	10	3	-40 to +105	
2138653627	3982	300.00	10	3	-40 to +105	
2138653723	3982	75.00	12	3	-40 to +105	
2138653725	3982	150.00	12	3	-40 to +105	
2138653727	3982	300.00	12	3	-40 to +105	
2138653823	3982	75.00	30	3	-40 to +105	
2138653825	3982	150.00	30	3	-40 to +105	
2138653827	3982	300.00	30	3	-40 to +105	
2138653923	3982	75.00	47	3	-40 to +105	
2138653925	3982	150.00	47	3	-40 to +105	
2138653927	3982	300.00	47	3	-40 to +105	
2138655023	3982	75.00	20	5	-40 to +105	
2138655023	3982	75.00	50	5	-40 to +105	
2138655023	3982	75.00	100	5	-40 to +105	
2138655025	3982	150.00	20	5	-40 to +105	
2138655025	3982	150.00	50	5	-40 to +105	
2138655025	3982	150.00	100	5	-40 to +105	
2138655027	3982	300.00	20	5	-40 to +105	
2138655027	3982	300.00	50	5	-40 to +105	
2138655027	3982	300.00	100	5	-40 to +105	
2138655123	3982	75.00	1	5	-40 to +105	
2138655125	3982	150.00	1	5	-40 to +105	
2138655127	3982	300.00	1	5	-40 to +105	
2138655223	3982	75.00	2.25	5	-40 to +105	
2138655225	3982	150.00	2.25	5	-40 to +105	
2138655227	3982	300.00	2.25	5	-40 to +105	
2138655323	3982	75.00	3	5	-40 to +105	
2138655325	3982	150.00	3	5	-40 to +105	
2138655327	3982	300.00	3	5	-40 to +105	
2138655423	3982	75.00	4.7	5	-40 to +105	
2138655425	3982	150.00	4.7	5	-40 to +105	
2138655427	3982	300.00	4.7	5	-40 to +105	
2138655523	3982	75.00	5	5	-40 to +105	
2138655525	3982	150.00	5	5	-40 to +105	

M2 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138655527	3982	300.00	5	5	-40 to +105	
2138655623	3982	75.00	10	5	-40 to +105	
2138655623	3982	75.00	10	5	-40 to +105	
2138655625	3982	150.00	10	5	-40 to +105	
2138655625	3982	150.00	10	5	-40 to +105	
2138655627	3982	300.00	10	5	-40 to +105	
2138655627	3982	300.00	10	5	-40 to +105	
2138655723	3982	75.00	12	5	-40 to +105	
2138655725	3982	150.00	12	5	-40 to +105	
2138655727	3982	300.00	12	5	-40 to +105	
2138655823	3982	75.00	30	5	-40 to +105	
2138655825	3982	150.00	30	5	-40 to +105	
2138655827	3982	300.00	30	5	-40 to +105	
2138655923	3982	75.00	47	5	-40 to +105	
2138655925	3982	150.00	47	5	-40 to +105	
2138655927	3982	300.00	47	5	-40 to +105	

M3.5 Ring Terminal with Connector
NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138601633	3500	75.00	10	1	-40 to +105	•
2138601635	3500	150.00	10	1	-40 to +105	•
2138601637	3500	300.00	10	1	-40 to +105	•
2138602633	3500	75.00	10	2	-40 to +105	•
2138602635	3500	150.00	10	2	-40 to +105	•
2138602637	3500	300.00	10	2	-40 to +105	•
2138603633	3500	75.00	10	3	-40 to +105	
2138603635	3500	150.00	10	3	-40 to +105	
2138603637	3500	300.00	10	3	-40 to +105	
2138605633	3500	75.00	10	5	-40 to +105	
2138605635	3500	150.00	10	5	-40 to +105	
2138605637	3500	300.00	10	5	-40 to +105	
2138621633	3802	75.00	10	1	-40 to +105	•
2138621635	3802	150.00	10	1	-40 to +105	•
2138621637	3802	300.00	10	1	-40 to +105	•
2138622633	3802	75.00	10	2	-40 to +105	•
2138622635	3802	150.00	10	2	-40 to +105	•
2138622637	3802	300.00	10	2	-40 to +105	•
2138623633	3802	75.00	10	3	-40 to +105	
2138623635	3802	150.00	10	3	-40 to +105	
2138623637	3802	300.00	10	3	-40 to +105	
2138625633	3802	75.00	10	5	-40 to +105	
2138625635	3802	150.00	10	5	-40 to +105	
2138625637	3802	300.00	10	5	-40 to +105	
2138641633	3964	75.00	10	1	-40 to +105	•
2138641635	3964	150.00	10	1	-40 to +105	•
2138641637	3964	300.00	10	1	-40 to +105	•
2138642633	3964	75.00	10	2	-40 to +105	•

M3.5 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138642635	3964	150.00	10	2	-40 to +105	•
2138642637	3964	300.00	10	2	-40 to +105	•
2138651033	3982	75.00	20	1	-40 to +105	
2138651033	3982	75.00	50	1	-40 to +105	
2138651033	3982	75.00	100	1	-40 to +105	
2138651035	3982	150.00	20	1	-40 to +105	
2138651035	3982	150.00	50	1	-40 to +105	
2138651035	3982	150.00	100	1	-40 to +105	
2138651037	3982	300.00	20	1	-40 to +105	
2138651037	3982	300.00	50	1	-40 to +105	
2138651037	3982	300.00	100	1	-40 to +105	
2138651133	3982	75.00	1	1	-40 to +105	
2138651135	3982	150.00	1	1	-40 to +105	
2138651137	3982	300.00	1	1	-40 to +105	
2138651233	3982	75.00	2.25	1	-40 to +105	
2138651235	3982	150.00	2.25	1	-40 to +105	
2138651237	3982	300.00	2.25	1	-40 to +105	
2138651333	3982	75.00	3	1	-40 to +105	
2138651335	3982	150.00	3	1	-40 to +105	
2138651337	3982	300.00	3	1	-40 to +105	
2138651433	3982	75.00	4.7	1	-40 to +105	
2138651435	3982	150.00	4.7	1	-40 to +105	
2138651437	3982	300.00	4.7	1	-40 to +105	
2138651533	3982	75.00	5	1	-40 to +105	
2138651535	3982	150.00	5	1	-40 to +105	
2138651537	3982	300.00	5	1	-40 to +105	
2138651633	3982	75.00	10	1	-40 to +105	•
2138651635	3982	150.00	10	1	-40 to +105	•
2138651637	3982	300.00	10	1	-40 to +105	•
2138651733	3982	75.00	12	1	-40 to +105	
2138651735	3982	150.00	12	1	-40 to +105	
2138651737	3982	300.00	12	1	-40 to +105	
2138651833	3982	75.00	30	1	-40 to +105	
2138651835	3982	150.00	30	1	-40 to +105	

M3.5 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138651837	3982	300.00	30	1	-40 to +105	
2138651933	3982	75.00	47	1	-40 to +105	
2138651935	3982	150.00	47	1	-40 to +105	
2138651937	3982	300.00	47	1	-40 to +105	
2138652033	3982	75.00	20	2	-40 to +105	•
2138652033	3982	75.00	100	2	-40 to +105	•
2138652035	3982	150.00	20	2	-40 to +105	
2138652035	3982	150.00	50	2	-40 to +105	
2138652035	3982	150.00	100	2	-40 to +105	
2138652037	3982	300.00	20	2	-40 to +105	
2138652037	3982	300.00	50	2	-40 to +105	
2138652037	3982	300.00	100	2	-40 to +105	
2138652133	3982	75.00	1	2	-40 to +105	•
2138652135	3982	150.00	1	2	-40 to +105	
2138652137	3982	300.00	1	2	-40 to +105	
2138652233	3982	75.00	2.25	2	-40 to +105	•
2138652235	3982	150.00	2.25	2	-40 to +105	
2138652237	3982	300.00	2.25	2	-40 to +105	
2138652333	3982	75.00	3	2	-40 to +105	•
2138652335	3982	150.00	3	2	-40 to +105	
2138652337	3982	300.00	3	2	-40 to +105	
2138652433	3982	75.00	4.7	2	-40 to +105	•
2138652435	3982	150.00	4.7	2	-40 to +105	
2138652437	3982	300.00	4.7	2	-40 to +105	
2138652533	3982	75.00	5	2	-40 to +105	•
2138652535	3982	150.00	5	2	-40 to +105	
2138652537	3982	300.00	5	2	-40 to +105	
2138652633	3982	75.00	10	2	-40 to +105	•
2138652635	3982	150.00	10	2	-40 to +105	•
2138652637	3982	300.00	10	2	-40 to +105	•
2138652733	3982	75.00	12	2	-40 to +105	•
2138652735	3982	150.00	12	2	-40 to +105	
2138652737	3982	300.00	12	2	-40 to +105	
2138652833	3982	75.00	30	2	-40 to +105	•

M3.5 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138652835	3982	150.00	30	2	-40 to +105	
2138652837	3982	300.00	30	2	-40 to +105	
2138652935	3982	150.00	47	2	-40 to +105	
2138652937	3982	300.00	47	2	-40 to +105	
2138653033	3982	75.00	20	3	-40 to +105	
2138653033	3982	75.00	50	3	-40 to +105	
2138653033	3982	75.00	100	3	-40 to +105	
2138653035	3982	150.00	20	3	-40 to +105	
2138653035	3982	150.00	50	3	-40 to +105	
2138653035	3982	150.00	100	3	-40 to +105	
2138653037	3982	300.00	20	3	-40 to +105	
2138653037	3982	300.00	50	3	-40 to +105	
2138653037	3982	300.00	100	3	-40 to +105	
2138653133	3982	75.00	1	3	-40 to +105	
2138653135	3982	150.00	1	3	-40 to +105	
2138653137	3982	300.00	1	3	-40 to +105	
2138653233	3982	75.00	2.25	3	-40 to +105	
2138653235	3982	150.00	2.25	3	-40 to +105	
2138653237	3982	300.00	2.25	3	-40 to +105	
2138653333	3982	75.00	3	3	-40 to +105	
2138653335	3982	150.00	3	3	-40 to +105	
2138653337	3982	300.00	3	3	-40 to +105	
2138653433	3982	75.00	4.7	3	-40 to +105	
2138653435	3982	150.00	4.7	3	-40 to +105	
2138653437	3982	300.00	4.7	3	-40 to +105	
2138653533	3982	75.00	5	3	-40 to +105	
2138653535	3982	150.00	5	3	-40 to +105	
2138653537	3982	300.00	5	3	-40 to +105	
2138653633	3982	75.00	10	3	-40 to +105	
2138653633	3982	75.00	10	3	-40 to +105	
2138653635	3982	150.00	10	3	-40 to +105	
2138653635	3982	150.00	10	3	-40 to +105	
2138653637	3982	300.00	10	3	-40 to +105	
2138653637	3982	300.00	10	3	-40 to +105	

M3.5 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (k Ω)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138653733	3982	75.00	12	3	-40 to +105	
2138653735	3982	150.00	12	3	-40 to +105	
2138653737	3982	300.00	12	3	-40 to +105	
2138653833	3982	75.00	30	3	-40 to +105	
2138653835	3982	150.00	30	3	-40 to +105	
2138653837	3982	300.00	30	3	-40 to +105	
2138653933	3982	75.00	47	3	-40 to +105	
2138653935	3982	150.00	47	3	-40 to +105	
2138653937	3982	300.00	47	3	-40 to +105	
2138655033	3982	75.00	20	5	-40 to +105	
2138655033	3982	75.00	50	5	-40 to +105	
2138655033	3982	75.00	100	5	-40 to +105	
2138655035	3982	150.00	20	5	-40 to +105	
2138655035	3982	150.00	50	5	-40 to +105	
2138655035	3982	150.00	100	5	-40 to +105	
2138655037	3982	300.00	20	5	-40 to +105	
2138655037	3982	300.00	50	5	-40 to +105	
2138655037	3982	300.00	100	5	-40 to +105	
2138655133	3982	75.00	1	5	-40 to +105	
2138655135	3982	150.00	1	5	-40 to +105	
2138655137	3982	300.00	1	5	-40 to +105	
2138655233	3982	75.00	2.25	5	-40 to +105	
2138655235	3982	150.00	2.25	5	-40 to +105	
2138655237	3982	300.00	2.25	5	-40 to +105	
2138655333	3982	75.00	3	5	-40 to +105	
2138655335	3982	150.00	3	5	-40 to +105	
2138655337	3982	300.00	3	5	-40 to +105	
2138655433	3982	75.00	4.7	5	-40 to +105	
2138655435	3982	150.00	4.7	5	-40 to +105	
2138655437	3982	300.00	4.7	5	-40 to +105	
2138655533	3982	75.00	5	5	-40 to +105	
2138655535	3982	150.00	5	5	-40 to +105	
2138655537	3982	300.00	5	5	-40 to +105	
2138655633	3982	75.00	10	5	-40 to +105	

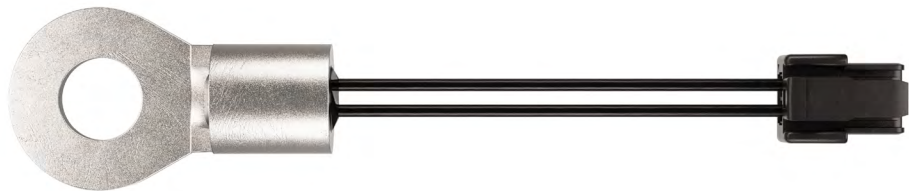
M3.5 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138655633	3982	75.00	10	5	-40 to +105	
2138655635	3982	150.00	10	5	-40 to +105	
2138655635	3982	150.00	10	5	-40 to +105	
2138655637	3982	300.00	10	5	-40 to +105	
2138655637	3982	300.00	10	5	-40 to +106	
2138655733	3982	75.00	12	5	-40 to +107	
2138655735	3982	150.00	12	5	-40 to +108	
2138655737	3982	300.00	12	5	-40 to +109	
2138655833	3982	75.00	30	5	-40 to +110	
2138655835	3982	150.00	30	5	-40 to +111	
2138655837	3982	300.00	30	5	-40 to +112	
2138655933	3982	75.00	47	5	-40 to +113	
2138655935	3982	150.00	47	5	-40 to +114	
2138655937	3982	300.00	47	5	-40 to +115	
2138692033	4050	75.00	50	2	-40 to +116	•
2138692933	4050	75.00	47	2	-40 to +117	•

M4 Ring Terminal with Connector
NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138601643	3500	75.00	10	1	-40 to +105	
2138601645	3500	150.00	10	1	-40 to +105	
2138601647	3500	300.00	10	1	-40 to +105	
2138602643	3500	75.00	10	2	-40 to +105	
2138602645	3500	150.00	10	2	-40 to +105	
2138602647	3500	300.00	10	2	-40 to +105	
2138603643	3500	75.00	10	3	-40 to +105	
2138603645	3500	150.00	10	3	-40 to +105	
2138603647	3500	300.00	10	3	-40 to +105	
2138605643	3500	75.00	10	5	-40 to +105	
2138605645	3500	150.00	10	5	-40 to +105	
2138605647	3500	300.00	10	5	-40 to +105	
2138621643	3802	75.00	10	1	-40 to +105	
2138621645	3802	150.00	10	1	-40 to +105	
2138621647	3802	300.00	10	1	-40 to +105	
2138622643	3802	75.00	10	2	-40 to +105	
2138622645	3802	150.00	10	2	-40 to +105	
2138622647	3802	300.00	10	2	-40 to +105	
2138623643	3802	75.00	10	3	-40 to +105	
2138623645	3802	150.00	10	3	-40 to +105	
2138623647	3802	300.00	10	3	-40 to +105	
2138625643	3802	75.00	10	5	-40 to +105	
2138625645	3802	150.00	10	5	-40 to +105	
2138625647	3802	300.00	10	5	-40 to +105	
2138651043	3982	75.00	20	1	-40 to +105	
2138651043	3982	75.00	50	1	-40 to +105	
2138651043	3982	75.00	100	1	-40 to +105	
2138651045	3982	150.00	20	1	-40 to +105	

M4 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138651045	3982	150.00	50	1	-40 to +105	
2138651045	3982	150.00	100	1	-40 to +105	
2138651047	3982	300.00	20	1	-40 to +105	
2138651047	3982	300.00	50	1	-40 to +105	
2138651047	3982	300.00	100	1	-40 to +105	
2138651143	3982	75.00	1	1	-40 to +105	
2138651145	3982	150.00	1	1	-40 to +105	
2138651147	3982	300.00	1	1	-40 to +105	
2138651243	3982	75.00	2.25	1	-40 to +105	
2138651245	3982	150.00	2.25	1	-40 to +105	
2138651247	3982	300.00	2.25	1	-40 to +105	
2138651343	3982	75.00	3	1	-40 to +105	
2138651345	3982	150.00	3	1	-40 to +105	
2138651347	3982	300.00	3	1	-40 to +105	
2138651443	3982	75.00	4.7	1	-40 to +105	
2138651445	3982	150.00	4.7	1	-40 to +105	
2138651447	3982	300.00	4.7	1	-40 to +105	
2138651543	3982	75.00	5	1	-40 to +105	
2138651545	3982	150.00	5	1	-40 to +105	
2138651547	3982	300.00	5	1	-40 to +105	
2138651643	3982	75.00	10	1	-40 to +105	
2138651643	3982	75.00	10	1	-40 to +105	
2138651645	3982	150.00	10	1	-40 to +105	
2138651645	3982	150.00	10	1	-40 to +105	
2138651647	3982	300.00	10	1	-40 to +105	
2138651647	3982	300.00	10	1	-40 to +105	
2138651743	3982	75.00	12	1	-40 to +105	
2138651745	3982	150.00	12	1	-40 to +105	
2138651747	3982	300.00	12	1	-40 to +105	
2138651843	3982	75.00	30	1	-40 to +105	
2138651845	3982	150.00	30	1	-40 to +105	
2138651847	3982	300.00	30	1	-40 to +105	
2138651943	3982	75.00	47	1	-40 to +105	
2138651945	3982	150.00	47	1	-40 to +105	

M4 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (k Ω)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138651947	3982	300.00	47	1	-40 to +105	
2138652043	3982	75.00	20	2	-40 to +105	
2138652043	3982	75.00	50	2	-40 to +105	
2138652043	3982	75.00	100	2	-40 to +105	
2138652045	3982	150.00	20	2	-40 to +105	
2138652045	3982	150.00	50	2	-40 to +105	
2138652045	3982	150.00	100	2	-40 to +105	
2138652047	3982	300.00	20	2	-40 to +105	
2138652047	3982	300.00	50	2	-40 to +105	
2138652047	3982	300.00	100	2	-40 to +105	
2138652143	3982	75.00	1	2	-40 to +105	
2138652145	3982	150.00	1	2	-40 to +105	
2138652147	3982	300.00	1	2	-40 to +105	
2138652243	3982	75.00	2.25	2	-40 to +105	
2138652245	3982	150.00	2.25	2	-40 to +105	
2138652247	3982	300.00	2.25	2	-40 to +105	
2138652343	3982	75.00	3	2	-40 to +105	
2138652345	3982	150.00	3	2	-40 to +105	
2138652347	3982	300.00	3	2	-40 to +105	
2138652443	3982	75.00	4.7	2	-40 to +105	
2138652445	3982	150.00	4.7	2	-40 to +105	
2138652447	3982	300.00	4.7	2	-40 to +105	
2138652543	3982	75.00	5	2	-40 to +105	
2138652545	3982	150.00	5	2	-40 to +105	
2138652547	3982	300.00	5	2	-40 to +105	
2138652643	3982	75.00	10	2	-40 to +105	
2138652643	3982	75.00	10	2	-40 to +105	
2138652645	3982	150.00	10	2	-40 to +105	
2138652645	3982	150.00	10	2	-40 to +105	
2138652647	3982	300.00	10	2	-40 to +105	
2138652647	3982	300.00	10	2	-40 to +105	
2138652743	3982	75.00	12	2	-40 to +105	
2138652745	3982	150.00	12	2	-40 to +105	
2138652747	3982	300.00	12	2	-40 to +105	

M4 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (k Ω)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138652843	3982	75.00	30	2	-40 to +105	
2138652845	3982	150.00	30	2	-40 to +105	
2138652847	3982	300.00	30	2	-40 to +105	
2138652943	3982	75.00	47	2	-40 to +105	
2138652945	3982	150.00	47	2	-40 to +105	
2138652947	3982	300.00	47	2	-40 to +105	
2138653043	3982	75.00	20	3	-40 to +105	
2138653043	3982	75.00	50	3	-40 to +105	
2138653043	3982	75.00	100	3	-40 to +105	
2138653045	3982	150.00	20	3	-40 to +105	
2138653045	3982	150.00	50	3	-40 to +105	
2138653045	3982	150.00	100	3	-40 to +105	
2138653047	3982	300.00	20	3	-40 to +105	
2138653047	3982	300.00	50	3	-40 to +105	
2138653047	3982	300.00	100	3	-40 to +105	
2138653143	3982	75.00	1	3	-40 to +105	
2138653145	3982	150.00	1	3	-40 to +105	
2138653147	3982	300.00	1	3	-40 to +105	
2138653243	3982	75.00	2.25	3	-40 to +105	
2138653245	3982	150.00	2.25	3	-40 to +105	
2138653247	3982	300.00	2.25	3	-40 to +105	
2138653343	3982	75.00	3	3	-40 to +105	
2138653345	3982	150.00	3	3	-40 to +105	
2138653347	3982	300.00	3	3	-40 to +105	
2138653443	3982	75.00	4.7	3	-40 to +105	
2138653445	3982	150.00	4.7	3	-40 to +105	
2138653447	3982	300.00	4.7	3	-40 to +105	
2138653543	3982	75.00	5	3	-40 to +105	
2138653545	3982	150.00	5	3	-40 to +105	
2138653547	3982	300.00	5	3	-40 to +105	
2138653643	3982	75.00	10	3	-40 to +105	
2138653643	3982	75.00	10	3	-40 to +105	
2138653645	3982	150.00	10	3	-40 to +105	
2138653645	3982	150.00	10	3	-40 to +105	

M4 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138653647	3982	300.00	10	3	-40 to +105	
2138653647	3982	300.00	10	3	-40 to +105	
2138653743	3982	75.00	12	3	-40 to +105	
2138653745	3982	150.00	12	3	-40 to +105	
2138653747	3982	300.00	12	3	-40 to +105	
2138653843	3982	75.00	30	3	-40 to +105	
2138653845	3982	150.00	30	3	-40 to +105	
2138653847	3982	300.00	30	3	-40 to +105	
2138653943	3982	75.00	47	3	-40 to +105	
2138653945	3982	150.00	47	3	-40 to +105	
2138653947	3982	300.00	47	3	-40 to +105	
2138655043	3982	75.00	20	5	-40 to +105	
2138655043	3982	75.00	50	5	-40 to +105	
2138655043	3982	75.00	100	5	-40 to +105	
2138655045	3982	150.00	20	5	-40 to +105	
2138655045	3982	150.00	50	5	-40 to +105	
2138655045	3982	150.00	100	5	-40 to +105	
2138655047	3982	300.00	20	5	-40 to +105	
2138655047	3982	300.00	50	5	-40 to +105	
2138655047	3982	300.00	100	5	-40 to +105	
2138655143	3982	75.00	1	5	-40 to +105	
2138655145	3982	150.00	1	5	-40 to +105	
2138655147	3982	300.00	1	5	-40 to +105	
2138655243	3982	75.00	2.25	5	-40 to +105	
2138655245	3982	150.00	2.25	5	-40 to +105	
2138655247	3982	300.00	2.25	5	-40 to +105	
2138655343	3982	75.00	3	5	-40 to +105	
2138655345	3982	150.00	3	5	-40 to +105	
2138655347	3982	300.00	3	5	-40 to +105	
2138655443	3982	75.00	4.7	5	-40 to +105	
2138655445	3982	150.00	4.7	5	-40 to +105	
2138655447	3982	300.00	4.7	5	-40 to +105	
2138655543	3982	75.00	5	5	-40 to +105	
2138655545	3982	150.00	5	5	-40 to +105	

M4 Ring Terminal with Connector

NTC Ring Temperature Sensor Cable Assemblies



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (kΩ)	Resistance Tolerance (%)	Temperature Range (°C)	Distribution Stock
2138655547	3982	300.00	5	5	-40 to +105	
2138655643	3982	75.00	10	5	-40 to +105	
2138655643	3982	75.00	10	5	-40 to +105	
2138655645	3982	150.00	10	5	-40 to +105	
2138655645	3982	150.00	10	5	-40 to +105	
2138655647	3982	300.00	10	5	-40 to +105	
2138655647	3982	300.00	10	5	-40 to +105	
2138655743	3982	75.00	12	5	-40 to +105	
2138655745	3982	150.00	12	5	-40 to +105	
2138655747	3982	300.00	12	5	-40 to +105	
2138655843	3982	75.00	30	5	-40 to +105	
2138655845	3982	150.00	30	5	-40 to +105	
2138655847	3982	300.00	30	5	-40 to +105	
2138655943	3982	75.00	47	5	-40 to +105	
2138655945	3982	150.00	47	5	-40 to +105	
2138655947	3982	300.00	47	5	-40 to +105	

Ring Terminal with No Connector

NTC Ring Temperature Sensor Cable Assemblies

molex



Part Number	Beta Value (K)	Wire Length (mm)	Resistance @ 25 (k Ω)	Resistance Tolerance (%)	Mounting Diameter (mm)	Temperature Range (°C)	Distribution Stock
2146501623	3500	75.00	10	1	2.2	-40 to +150	
2146501633	3500	75.00	10	1	3.5	-40 to +150	•
2146501643	3500	75.00	10	1	4.4	-40 to +150	
2146502623	3500	75.00	10	2	2.2	-40 to +150	
2146502633	3500	75.00	10	2	3.5	-40 to +150	•
2146502643	3500	75.00	10	2	4.4	-40 to +150	
2146521623	3802	75.00	10	1	2.2	-40 to +150	
2146521633	3802	75.00	10	1	3.5	-40 to +150	•
2146521643	3802	75.00	10	1	4.4	-40 to +150	
2146522623	3802	75.00	10	2	2.2	-40 to +150	
2146522633	3802	75.00	10	2	3.5	-40 to +150	•
2146522643	3802	75.00	10	2	4.4	-40 to +150	
2146541623	3964	75.00	10	1	2.2	-40 to +150	
2146541633	3964	75.00	10	1	3.5	-40 to +150	•
2146541643	3964	75.00	10	1	4.4	-40 to +150	
2146542623	3964	75.00	10	2	2.2	-40 to +150	
2146542633	3964	75.00	10	2	3.5	-40 to +150	•
2146542643	3964	75.00	10	2	4.4	-40 to +150	
2146551623	3982	75.00	10	1	2.2	-40 to +150	
2146551633	3982	75.00	10	1	3.5	-40 to +150	•
2146551643	3982	75.00	10	1	4.4	-40 to +150	
2146552623	3982	75.00	10	2	2.2	-40 to +150	
2146552633	3982	75.00	10	2	3.5	-40 to +150	•
2146552643	3982	75.00	10	2	4.4	-40 to +150	

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Россия +7(495)268-04-70

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Казахстан +7(7172)727-132

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Киргизия +996(312)96-26-47

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

<https://molex.nt-rt.ru/> || mxd@nt-rt.ru