

## MDXTB9

# Rectangular electrical connectors for printed circuit boards

### Product introduction

MDXTB9 series electrical connectors for printed circuit boards are used for electrical connections between circuit boards or devices. The plugs and sockets are connected by guide devices, the pin contacts are fixed in the insulator, and the hole contacts are «movable». All are welded. It can be completely interchanged and connected with ГРПМШ1 series electrical connectors.



### Technical characteristics

- Ambient temperature: -60°C~+125°C
- Working voltage: 250 V
- Single contact current: 1.5 A
- Contact resistance: ≤0.10

(Technical conditions: НЦО.364.016ТУ)

### Tag description

Number	Code meaning	Russian code	APMA code
1	Serial number	ГРПМШ1	MDXTB9
2	Number of contacts	31, 45, 61	31, 45, 61
3	Contact type	Ш (needle), Г (hole)	J (needle), K (hole)
4	Structural type: corner installation direct installation volumetric installation	У П О	Y H O
5	Silver plated contacts	2	2
6	24/7	B	B

### Example

#### Russian

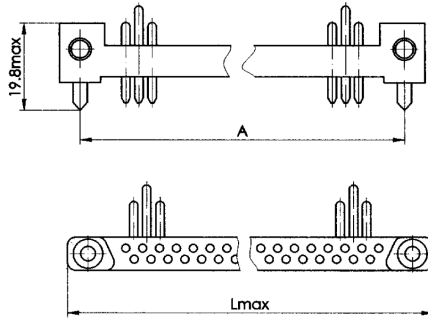
Model	ГРПМШ1	30	Ш	У	2	В
	ГРПМШ1	30	Г	П	2	В
Number of contacts						
Ш – Needle Г - Hole						
У - corner installation П - direct installation О - volumetric installation						
2 - silver 1 - gold plated						
24/7						

#### APMA

Model	MDXTB9	-31	J	Y	2	В
	MDXTB9	-31	K	H	2	В
Number of contacts						
J – Needle K - Hole						
Y - corner installation H - direct installation O - volumetric installation						
2 - silver 1 - gold plated						
24/7						

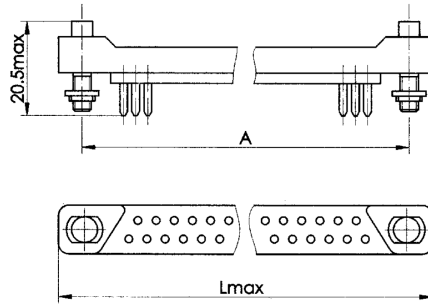
**The arrangement of the insulator holes is the same as MDXT9  
Connector appearance and installation dimensions**

• **Corner installation-Y (Needle)**



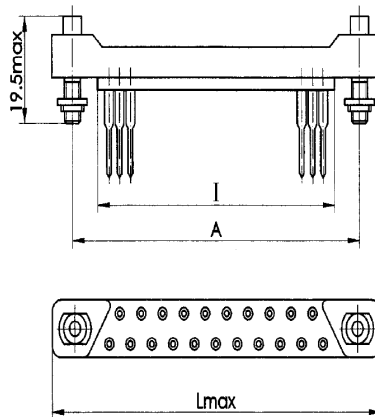
Model	Number of contacts	A	Lmax
MDXTB9-31JY2	31	68	78
MDXTB9-45JY2	45	92	102
MDXTB9-61JY2	61	120	130

• **Volumetric installation - O (hole)**



Model	Number of contacts	Lmax	A
MDXTB9-31KO2	31	78	68
MDXTB9-45KO2	45	102	92
MDXTB9-61KO2	61	130	120

• **Direct installation - H (hole)**



Model	Number of contacts	A	I	Lmax
MDXTB9-31KH2	31	68	59	78
MDXTB9-45KH2	45	92	83	102
MDXTB9-61KH2	61	120	111	130