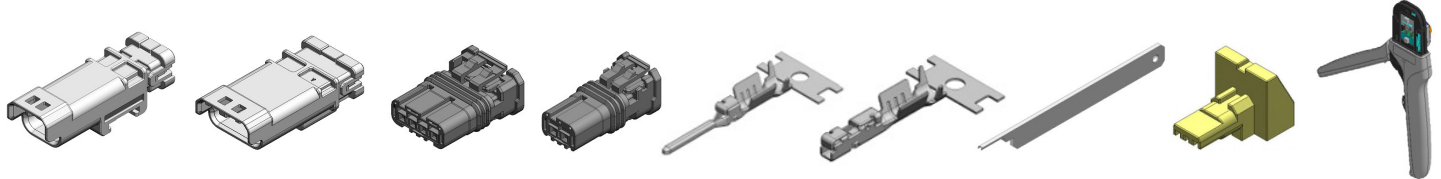


MX80 Connector-System

Automotive Waterproof



JAE has recently developed an industry and class-leading, high performance, miniature sealed connector system for the automotive market. This Guide shows you the components of the new MX80 Series from JAE. Starting from the Housing male/female, with clip or without, the number of contacts and the Coding. JAE is giving the option to have the optimal Terminal for three different wire sizes. Beside that a few Tools for Extraction, TPA-Handling and Terminal-Crimping are developed.



Housing

Contacts	Coding	Gender	Feature	JAE PN
2	A	Female	without CPA	MX80A02SZ1A
2	A	Male	with clip	MX80B02PZ1A
2	B	Female	without CPA	MX80A02SZ1B
2	C	Female	without CPA	MX80A02SZ1C
3	A	Female	without CPA	MX80A03SZ1A
3	A	Male	with clip	MX80B03PZ1A
4	A	Female	without CPA	MX80A04SZ1A
4	A	Male	with clip	MX80B04PZ1A
6	A	Female	Female Clip	MX80A06SZ1A
6	B	Female	Female Clip	MX80A06SZ1B
-	-	-	Sealing Plug*	MX80A000XD1

*unused cavities



Terminal

Gender	Feature	JAE PN
Female	0.13 – 0.22 wire	MX80S08K5F1
Female	0.35 – 0.50 wire	MX80S08K4F1
Female	0.75 – 1.00 wire	MX80S08K3F1
Male	0.13 – 0.22 wire	MX80P10K5F1
Male	0.35 – 0.50 wire	MX80P10K4F1
Male	0.75 – 1.00 wire	MX80P08K3F1

Tools

JAE PN	Type	Description
350-MX80-15	Applicator	MX80 Crimp Applicator
AT-MX80P-1	Assist Tool	for TPA open (even number of way)
AT-MX80P-2	Assist Tool	for TPA open (odd number of way)
ET-MX80P	Extraction Tool	female terminal extraction
ET-MX80S	Extraction Tool	male terminal extraction
RT-MX80P	TPA Tool	tool to open TPA
CT150-19E-MX80	Hand Crimp Tool	for 0.13 – 0.22 wire
CT150-19D-MX80	Hand Crimp Tool	for 0.35 – 0.50 wire
CT150-19C-MX80	Hand Crimp Tool	for 0.75 – 1.00 wire

