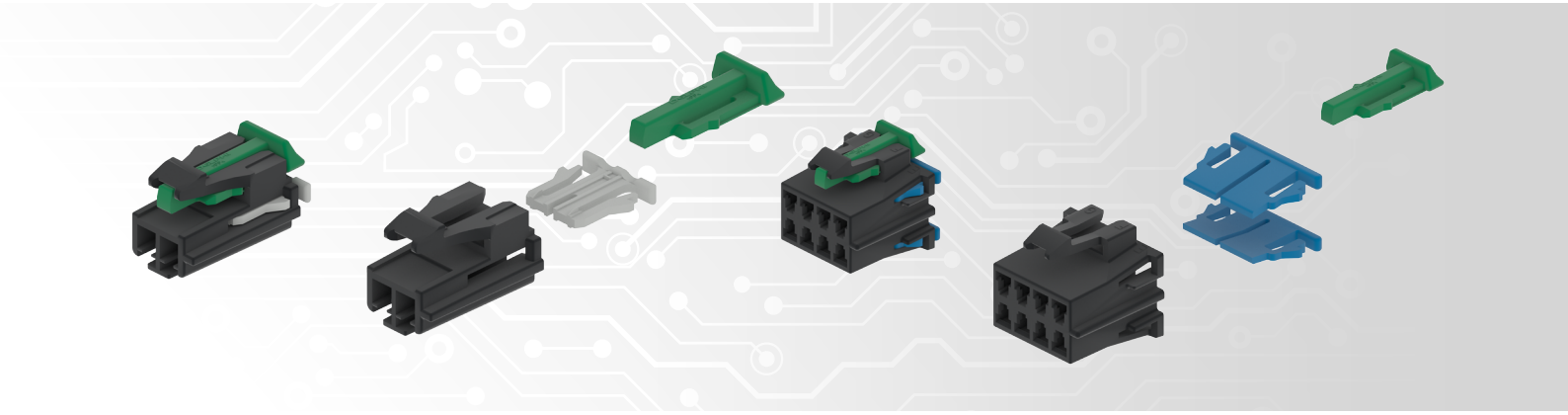
APTIV

METRI-PACK (M/P) 280 UNSEALED SERIES



BENEFITS

- Field-proven systems provide exceptional performance, confirmed over many years on global applications
- The comprehensive product range supports design flexibility and application versatility
- SAE J2030-compliant with premium silver interface plating for superior commercial vehicle performance

FEATURES

- Connector Position Assurance (CPA) and Terminal Position Assurance (TPA) provide superior connection reliability
- Connectors are compatible with global standard male blade dimensions for seamless integration
- Both high-current and low-energy circuits are supported, for maximum electrical adaptability
- Robust terminals assure correct alignment and connection integrity
- Excellent resistance to temperature, chemicals and abrasion

TECHNICAL CHARACTERISTICS

Temperature Range	-40°C - 125°C
Vibration Class	SAE J2030 Heavy-Duty Electrical Connector Standard: up to 20 g (silver interface plating); up to 15 g (non-silver interface plating)
Sealing Class	Unsealed - S1

AVAILABLE CONFIGURATIONS

Cavity count (ways)	2, 3, 4, 6, 7, 8, 10, 12, 68
Cavity Configurations	280 (2.8 mm)
Genders	F, M
Sealing Type	Unsealed
Centerline Spacing	5.0 mm
Indexes	Various
Terminal Position Assurance (TPA) Type	TPA
Connector Position Assurance (CPA)	CPA (optional)

APPLICATIONS

Body and chassis, in-line and device, commercial vehicles (trucks), construction, agriculture, robotics

TERMINAL COMPATIBILITY

Aptiv Metri-Pack (M/P) 280 Unsealed Series

REPRESENTATIVE PART NUMBERS

INLINE CONNECTIONS

Cavity Count	Blade Size	Gender	Dimensions (L x H x W in mm²)	Part Number	Index	Color	TPA	CPA	Mating Part
2	2.8	F	23.7 x 17.2 x 16.2	12129081	A	Black	12129083	12052834	12129155
2	2.8	F	32 x 13.2 x 20.15	15437241	A	Black	-	-	12110139
2	2.8	F	23 x 12.3 x 18.8	12034343	A	Black	-	-	12034344
3	2.8	F	22.5 x 13.5 x 21.3	12020397	A	Black	-	-	12020398
3	2.8	F	23.7 x 18.8 x 16.5	12176446	A	Black	15324886	-	13897598
3	2.8	F	23.7 x 24.4 x 20.7	12129489	A	Black	12129491	12052834	12129490
4	2.8	F	23.7 x 30.4 x 16.5	12129136	A	Black	12129138	12052834	12129135
6	2.8	F	27.5 x 22.3 x 17.7	12015344	A	Black	-	-	12015345
6	2.8	F	23 x 26.6 x 21.3	13692942	A	Black	12064753	12052834	12064754
8	2.8	F	23 x 24.8 x 25.5	12064998	A	Black	12064999	12052834	12066195
68	2.8	F	23.7 x 103.3 x 54.66	15319896	A	Black	15328852	-	15401326
2	2.8	M	37 x 14.7 x 23	12034344	A	Black	-	-	12034343
2	2.8	M	40 x 16.4 x 14.1	12147517	A	Black	12147771	-	15318080
2	2.8	M	40 x 22 x 17.3	12129155	A	Black	12129157	12052834	12129081
2	2.8	M	40 x 14.9 x 19.3	12110139	A	Gray	-	-	15437241
3	2.8	M	37 x 14.3 x 22.8	12020398	A	Black	-	-	12020397
3	2.8	M	40 x 22 x 20.3	12129490	A	Black	12129492	-	12129489
3	2.8	M	40.55 x 25.88 x 28.71	13897598	A	Black	-	-	12176446
4	2.8	M	40 x 31.7 x 17.8	12129135	A	Black	12129137	12052834	12129136
6	2.8	M	37 x 21.5 x 22.4	12015345	A	Black	-	-	12015344
6	2.8	M	40 x 29.1 x 23.5	12064754	A	Black	12064755	12052834	12064752
6	2.8	M	43.5 x 18.7 x 38.1	10730211	A	Black	-	-	-
8	2.8	M	40 x 25.6 x 26.5	12066195	A	Black	-	12052834	12064998
8	2.8	M	40 x 26.1 x 26.5	15358651	A	Black	12065141	12052834	12064998
8	2.8	M	40.7 x 14.8 x 49.3	12041255	A	Black	-	-	12015416

DEVICE CONNECTIONS

Cavity Count	Blade Size	Gender	Dimensions (L x H x W in mm²)	Part Number	Index	Color	TPA	CPA	Mating Part
2	2.8	F	24 x 11 x 25	15304812	A	Black	15304813	-	-
2	2.8	F	24.8 x 24.26 x 17.05	13527997	A	Black	13527999	13528000	13529775
2	2.8	F	30.5 x 20 x 22.4	12084957	A	Black	12084958	12052834	-
4	2.8	F	24 x 14.1 x 23.3	12052856	A	Black	15324456	-	-
4	2.8	F	25 x 25 x 22.1	13880700	A	Black	13880699	-	-
6	2.8	F	23 x 18 x 31.6	12092254	A	Black	12162298	12052834	-
7	2.8	F	24 x 13.9 x 39.6	12052854	A	Black	12124811	-	-
7	2.8	F	26 x 9.3 x 47.7	12066159	A	Black	12066160	-	12066161
10	2.8	F	26 x 9.3 x 62.7	12066162	A	Black	12066163	-	12066164
12	2.8	F	34.5 x 16.7 x 69.5	12020043	A	Black	12020219	-	12015054

HEADERS

Cavity Count	Blade Size	Gender	Dimensions (L x H x W in mm²)	Part Number	Index	Color	TPA	CPA	Mating Part
3	2.8	M	39.3 x 31.05 x 49.5	13925666	A	Black	-	-	13805752
4	2.8	M	25.7 x 17.9 x 26.7	12110440	A	Black	-	-	12052856
8	2.8	M	23 x 24.8 x 25.5	12092093	A	Black	-	12052834	12064998