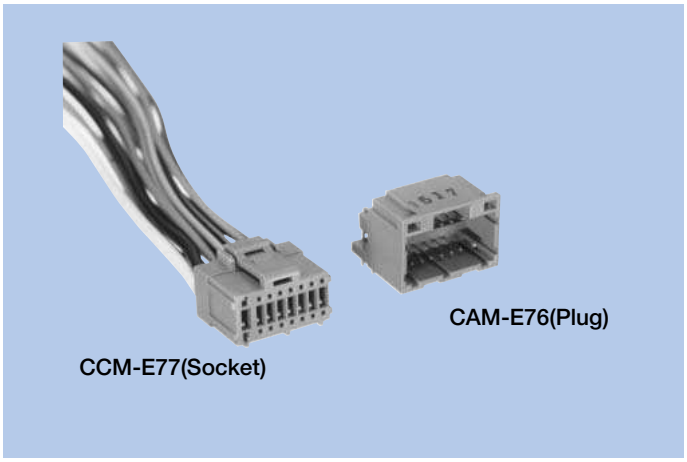
Power Supply Voltage & Signal
CAM-E76, CCM-E77

FEATURES

1. These are 16 pins power supply connectors, with angle plugs.
2. The lock device ensures secure fitting.
3. Two pins are provided for power supply contacts, the other 14 pins are signal contacts.
4. Two types of each model are provided, with either black or blue housing colors.



HOW TO ORDER

1. CAM-E76 (Plug)

E76-016-02 0-H J B A A-A
1 2 3

1 Series No.(E76)
2 No. of contacts (016 : 16pins)
3 Housing Color (A : Black, B : Blue)

2. CCM-E77 (Socket)

E77-016-9402A
1 2 3

1 Series No.(E77)
2 No. of contacts (016 : 16pins)
3 Housing Color (A : Black, B : Blue)

* E77-016-9402A is a product number of the connector. The product number of each part single goods is as follows.

Housing Color(Black)	ZM-E77-6991A
Housing Color(Blue)	ZM-E77-6991B
Signal Pin	ZC-E77-6992F
Power Supply Pin	ZC-C76-D418F

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	14V DC
Rated Current	Signal terminal : 3A (Power supply terminal : 10A)
Withstanding Voltage	500V AC (rms) 1 minute
Insulation Resistance	100MΩ min. (at 500V DC)
Contact Resistance	15mΩ max.

MECHANICAL CHARACTERISTICS

Life (Matching Cycle)	200 times
Total Insertion Force	78.4N (8kgf) max.
Total Withdrawal Force	9.8N (1.0kgf) min.
Using Temperature Range	–30~+85℃

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• The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

MATERIAL & FINISH

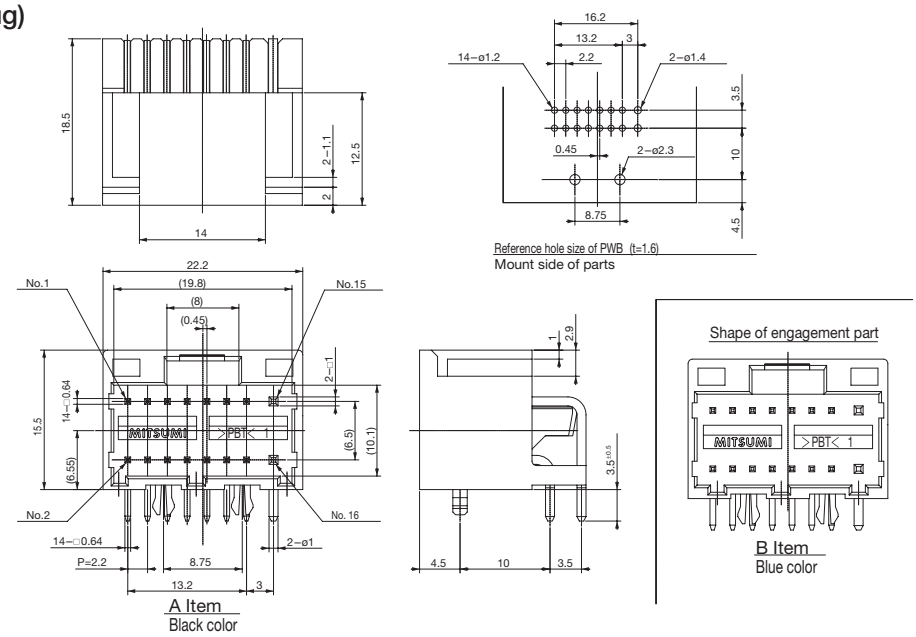
Component Parts		Material	Finish
CAM-E76 (Plug)	Housing	Glass filled PBT resin	——
	Contact	Brass	Tin reflow plating
CCM-E77 (Socket)	Housing	Glass filled PBT resin	——
	Contact	Copper Alloy	Tin reflow plating

WIRE SIZES

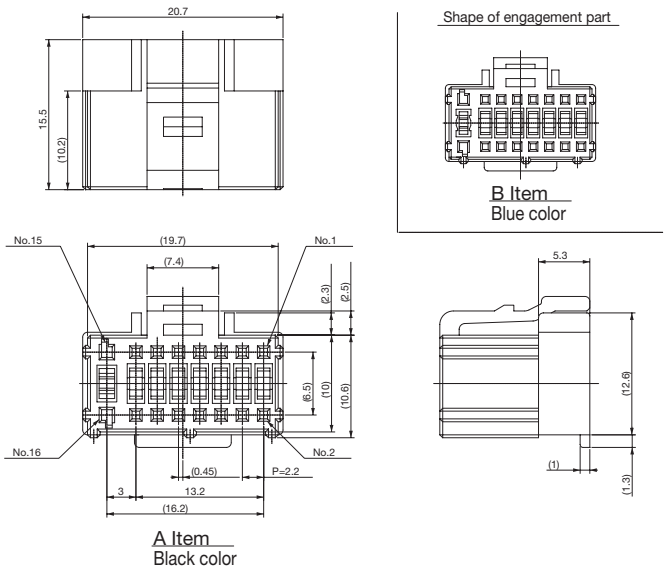
	For Signal	For Power Supply
Wire Sizes	AVSS 0.5f(AWG20 Correspond)	AVS 1.25f(AWG16 Correspond)
Wire Covering Diameter	Ø1.6~1.7	Ø2.5~2.6

DIMENSIONS

CAM-E76 (Plug)



CCM-E77 (Socket)



Unit : mm

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