

SPECIFICATIONS

ELECTRICAL CHARACTERISTICS

Rated Voltage	5V DC
Rated Current	2.4A max.
Withstanding Voltage	100V AC(rms) 1minute
Insulation Resistance	100MΩ min. (100V DC)
Contact Resistance	50mΩ max.

MECHANICAL CHARACTERISTICS

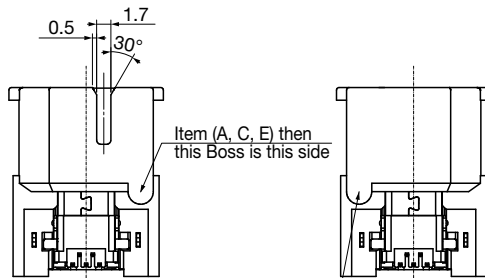
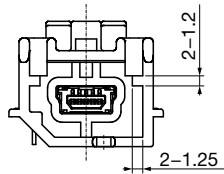
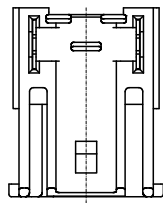
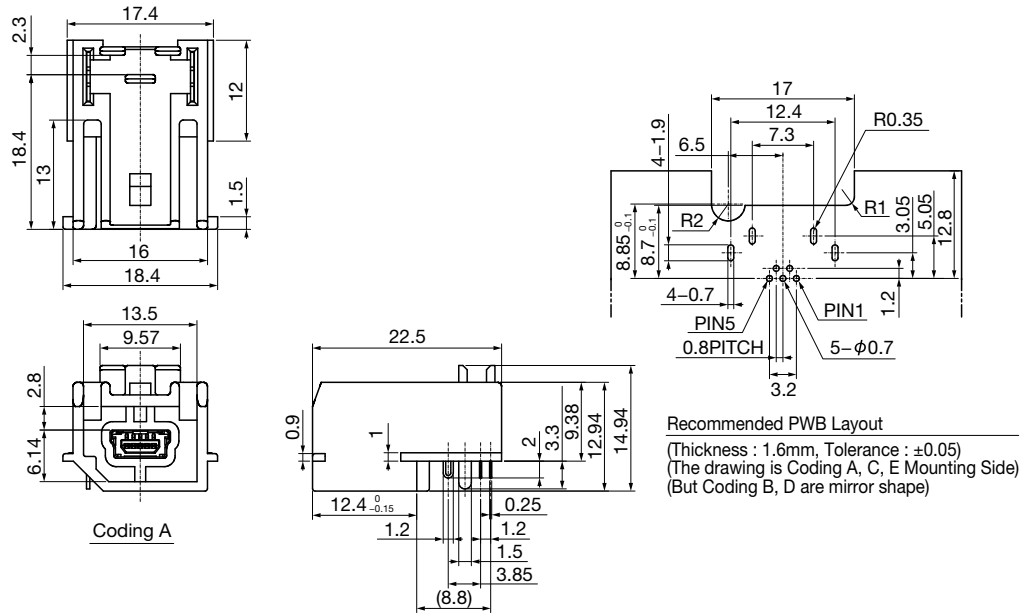
Life (Matching Cycle)	10 times
Total Insertion Force	45N max.
Total Withdrawal Force	45N max.
Using Temperature Range	-40~+85°C

MATERIAL & FINISH

Component Parts		Material	Finish
CAM-K78V	Case	Nylon resin	Corresponds to each coding
	Lock	Copper alloy	Tin reflow plating
	Shell	Copper alloy	Tin reflow plating
	Housing	LCP resin	Black
	Contact Pin	Copper alloy	Gold selective plating
CAM-K78A	Case	Nylon resin	Corresponds to each coding
	Lock	Copper alloy	Tin reflow plating
	Shell	Copper alloy	Tin reflow plating
	Housing	LCP resin	Black
	Contact Pin	Copper alloy	Gold selective plating
CAM-K81	Case	Nylon resin	Black
	Lock	Copper alloy	Tin reflow plating
	Shell	Copper alloy	Tin reflow plating
	Housing	LCP resin	Black
	Contact Pin	Copper alloy	Gold selective plating
	Contact Pin	Copper alloy	Tin reflow plating
IAM-K80C IAM-K80J	Case	PBT resin	Corresponds to each coding
	Shield Case	Steel	Tin reflow plating
	Over mold	PP resin	Natural
	Housing	Thermoplastic resin	Black
	Contact Pin	Copper alloy	Gold selective plating

DIMENSIONS

CAM-K78A (R41-A790)



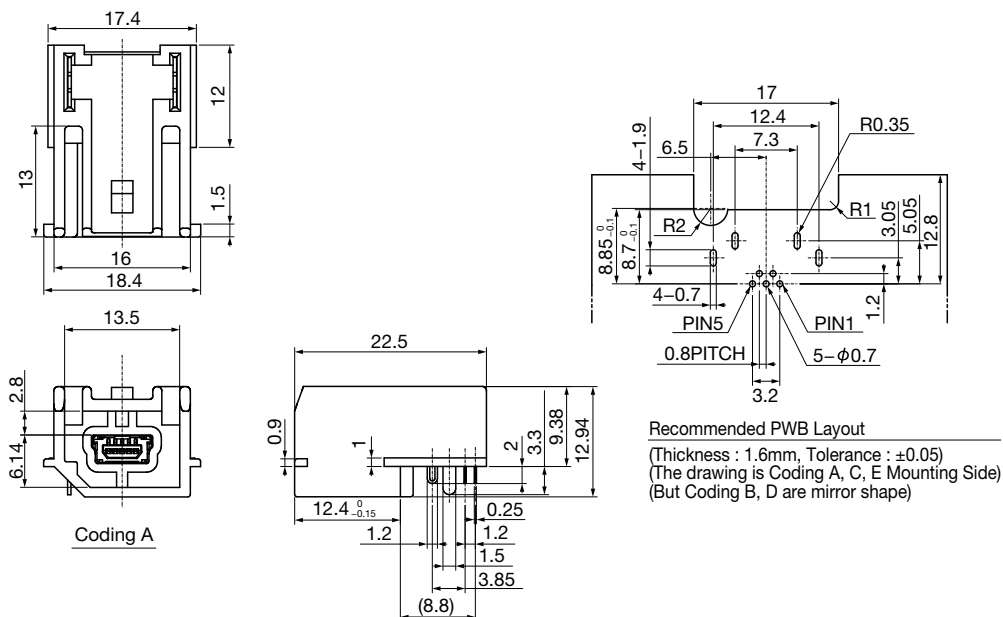
Detail of coding C shape (Reference)

<p>ITEM E (Coding E)</p> <p>Color : BLUE</p>
<p>ITEM D (Coding D)</p> <p>Color : GREEN</p>
<p>ITEM C (Coding C)</p> <p>Color : BROWN</p>
<p>ITEM B (Coding B)</p> <p>Color : GRAY</p>
<p>ITEM A (Coding A)</p> <p>Color : BLACK</p>
<p>ITEM and Coding</p>

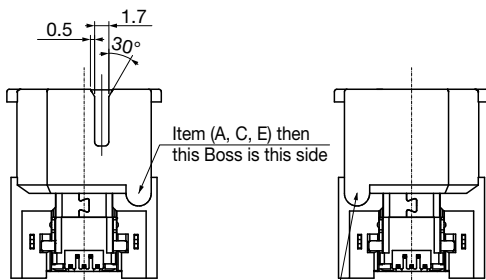
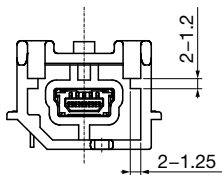
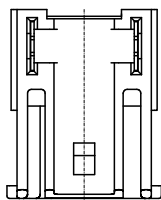
Unit : mm

• Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
 • 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.

CAM-K78A (R41-A791)



Recommended PWB Layout
 (Thickness : 1.6mm, Tolerance : ±0.05)
 (The drawing is Coding A, C, E Mounting Side)
 (But Coding B, D are mirror shape)



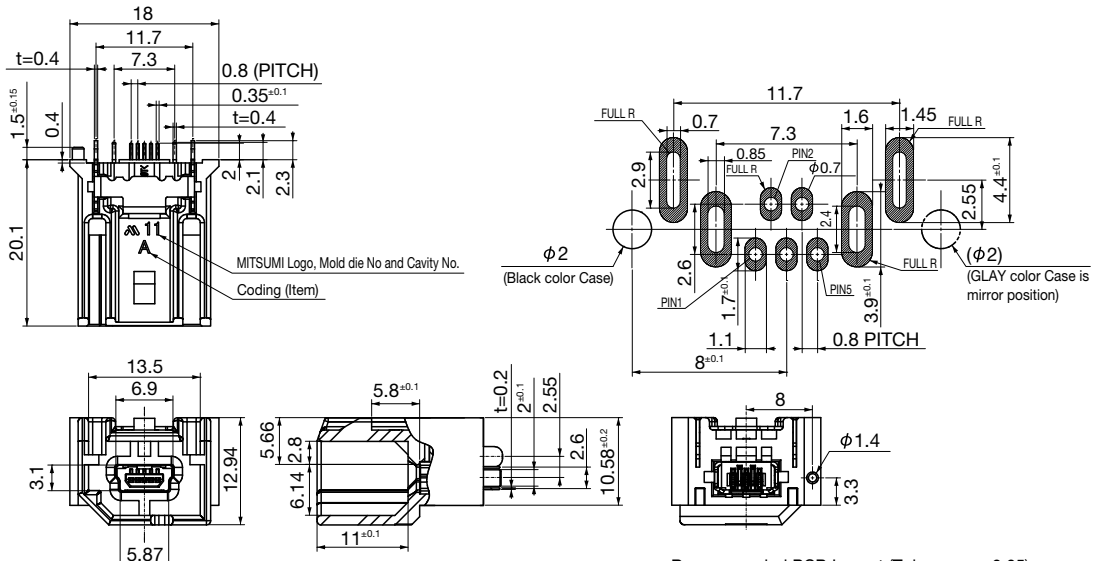
Detail of coding C shape (Reference)

<p>ITEM E (Coding E)</p> <p>Color : BLUE</p>
<p>ITEM D (Coding D)</p> <p>Color : GREEN</p>
<p>ITEM C (Coding C)</p> <p>Color : BROWN</p>
<p>ITEM B (Coding B)</p> <p>Color : GRAY</p>
<p>ITEM A (Coding A)</p> <p>Color : BLACK</p>
<p>ITEM and Coding</p>

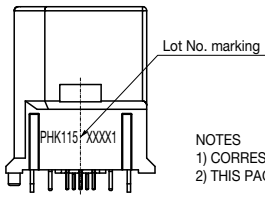
Unit : mm

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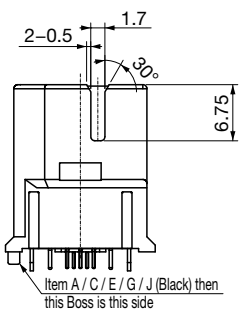
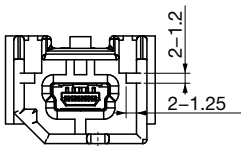
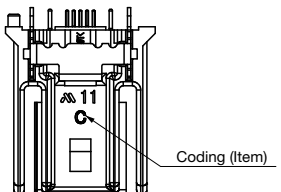
CAM-K78V



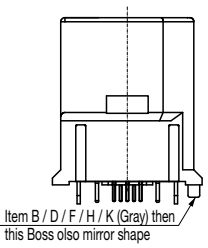
Recommended PCB Layout (Tolerance : ±0.05)
(Mounting and Reverse Side)



NOTES
1) CORRESPOND TO USCAR30 SPECIFICATION.
2) THIS PAGE IS ITEM A SHAPE, OTHER ITEM SHEPE REFER TO PAGE 2.



Detail of coding shape



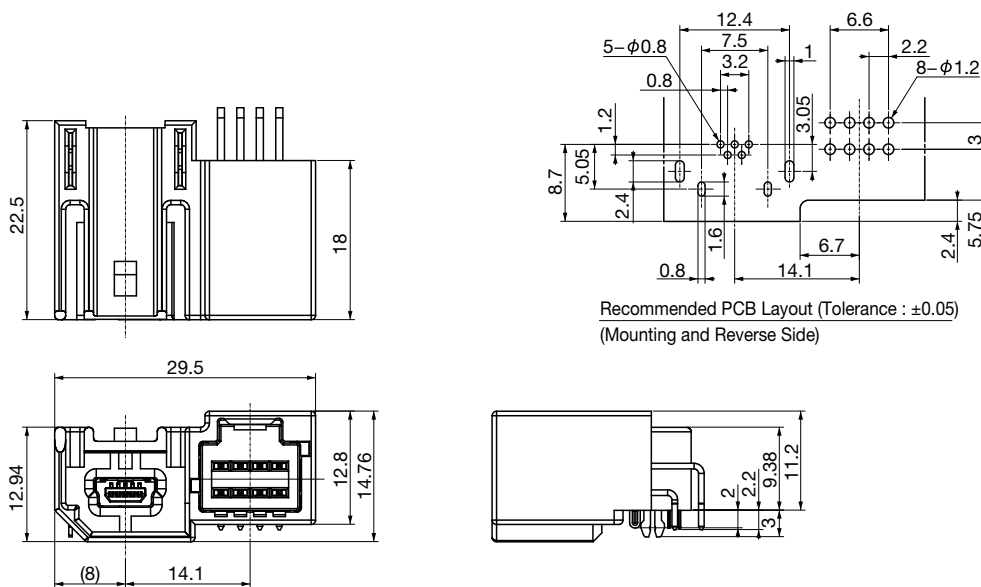
Item B/D/F/H/K (GRAY)

Color : BLACK	Color : GRAY
<p>ITEM J (Coding J)</p>	<p>ITEM K (Coding K) Mirror image of ITEM J</p>
<p>ITEM G (Coding G)</p>	<p>ITEM H (Coding H) Mirror image of ITEM G</p>
<p>ITEM E (Coding E)</p>	<p>ITEM F (Coding F) Mirror image of ITEM E</p>
<p>ITEM C (Coding C)</p>	<p>ITEM D (Coding D) Mirror image of ITEM C</p>
<p>ITEM A (Coding A)</p>	<p>ITEM B (Coding B) Mirror image of ITEM A</p>
ITEM and Coding	

Unit : mm

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CAM-K81



IAM-K80C

