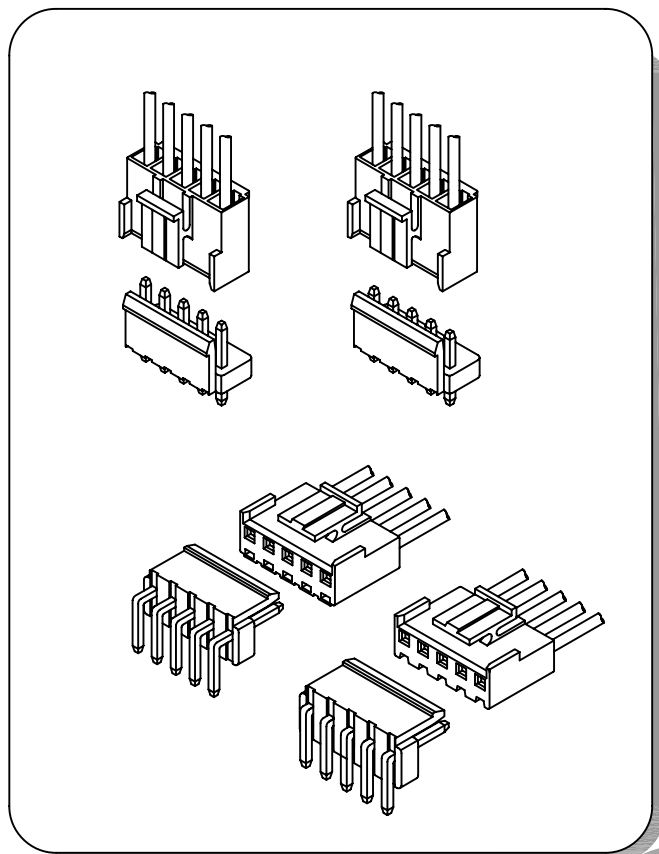




Specifications

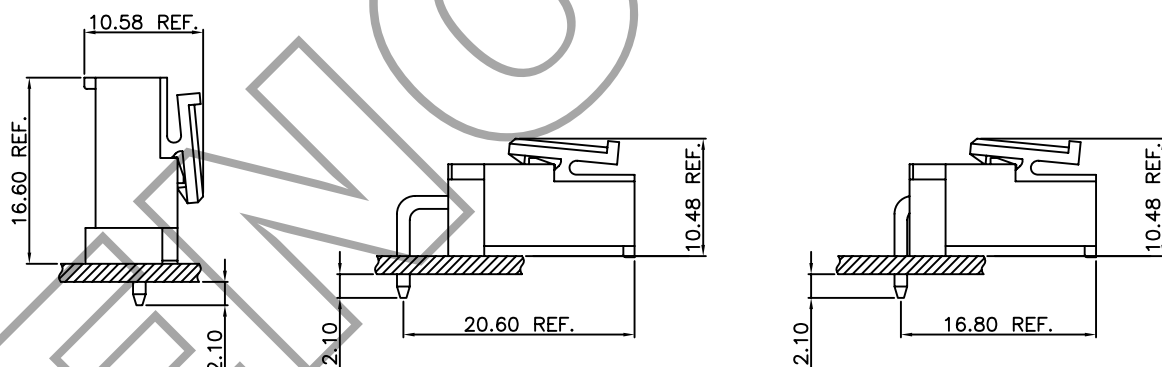
Current rating: 7A AC,DC
 Voltage rating: 250V AC,DC
 Temperature range: -25°C ~ +85°C
 Contact resistance: 20mΩ Max.
 Insulation resistance: 1000MΩ Min.
 Withstanding voltage: 1500V AC/minute
 Contact E.N for Details

Standards



E473953

Assembly layout



Ordering code

A3963 — I P
 ① ② ③

- ① Series No.
- ② Plating code: T=Tin-plated, G=Gold-flash
- ③ Material: P=Phosphor bronze

A3963 WV A — NP
 ① ② ③ ④

- ① Series No.
- ② Connector type: WV=Vertical, WR=Right angle
- ③ Blank=Normal type
A=A type
- ④ No. of circuits

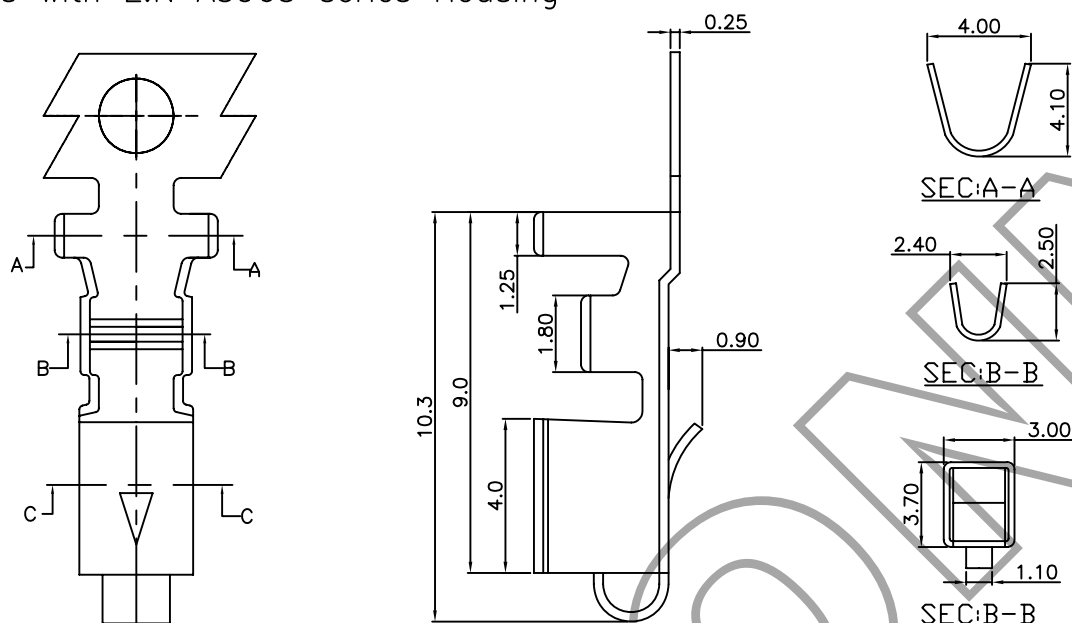
A3963 HF — NP
 ① ② ③

- ① Series No.
- ② HF=Receptacle Housing HM=Plug Housing
- ③ No. of circuits

A3963-T 3.96mm pitch Crimp Terminal

Reference Informations:

*Mates with E.N A3963 series Housing



Ordering Information & Specifications

Unit: mm

Part No	Wire Range	Insulation O.D.	Material	Finish	Qty/reel
A3963-TP	AWG#16-#22	3.0mm(max)	Phosphor Bronze	Tin-plated	3,000pcs
A3963-PT	AWG#16-#22	3.0mm(max)	Phosphor Bronze	Tin-plated	3,000pcs

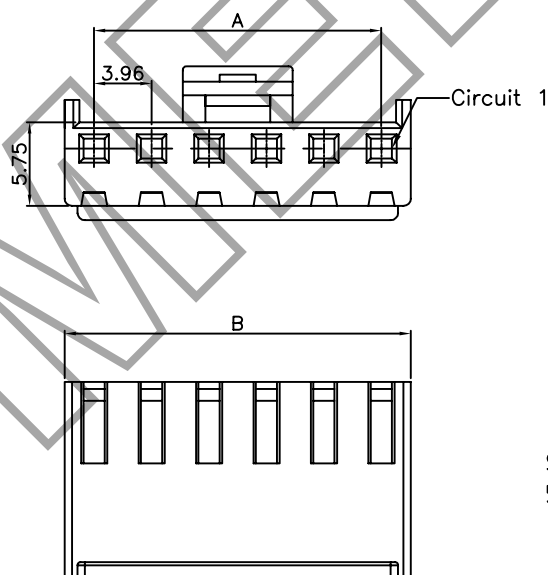
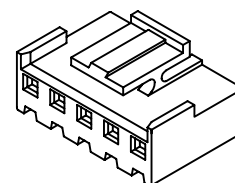
A3963H 3.96mm pitch Housing

Reference Informations:

*Material: Nylon66,UL94V-0

*Suitable E.N A3963 series Terminal

*Mates with E.N A3963 series Wafer



Ordering Information & Dimensions

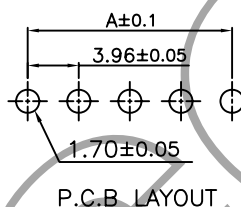
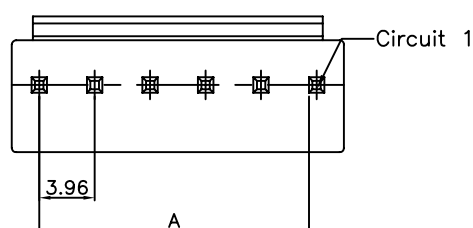
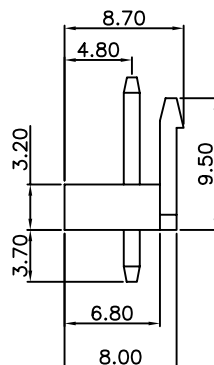
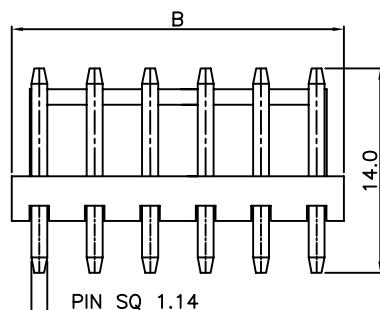
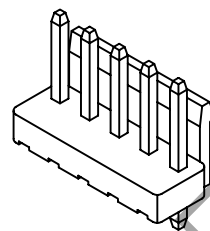
PART NO.	Dimensions	
	A	B
A3963H-02P	3.96	8.02
A3963H-03P	7.92	11.98
A3963H-04P	11.88	15.94
A3963H-05P	15.84	19.90
A3963H-06P	19.80	23.86
A3963H-07P	23.76	27.82
A3963H-08P	27.72	31.78
A3963H-09P	31.68	35.74
A3963H-10P	35.64	39.70
A3963H-11P	39.60	43.66
A3963H-12P	43.56	47.62
A3963H-13P	47.52	51.58
A3963H-14P	51.48	55.54
A3963H-15P	55.44	59.50
A3963H-16P	59.40	63.46
A3963H-17P	63.36	67.42
A3963H-18P	67.32	71.38

Unit: mm

A3963WV — 3.96mm pitch 180° Wafer

Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon66, UL94V-0
- *Mates with E.N A3963 series Housing



Ordering Information & Dimensions

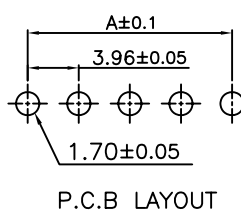
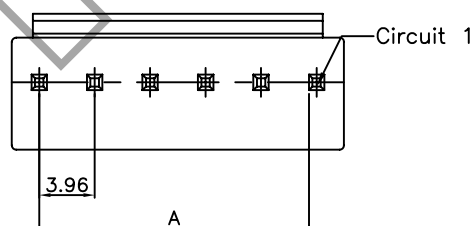
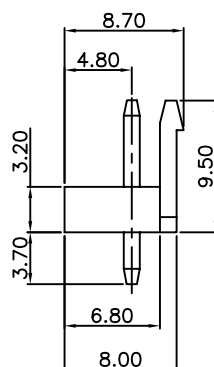
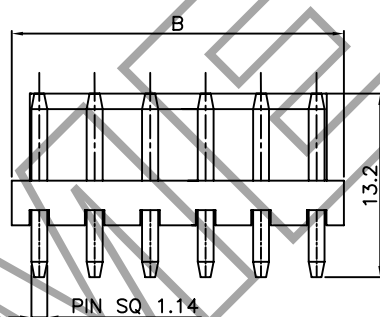
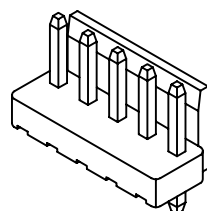
PART NO.	Dimensions	
	A	B
A3963WV-02P	3.96	7.92
A3963WV-03P	7.92	11.88
A3963WV-04P	11.88	15.84
A3963WV-05P	15.84	19.80
A3963WV-06P	19.80	23.76
A3963WV-07P	23.76	27.72
A3963WV-08P	27.72	31.68
A3963WV-09P	31.68	35.64
A3963WV-10P	35.64	39.60
A3963WV-11P	39.60	43.56
A3963WV-12P	43.56	47.52
A3963WV-13P	47.52	51.48
A3963WV-14P	51.48	55.44
A3963WV-15P	55.44	59.40
A3963WV-16P	59.40	63.36
A3963WV-17P	63.36	67.32
A3963WV-18P	67.32	71.28

Unit: mm

A3963WVA — 3.96mm pitch 180° Wafer

Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon66, UL94V-0
- *Mates with E.N A3963 series Housing



Ordering Information & Dimensions

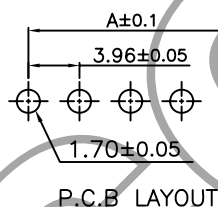
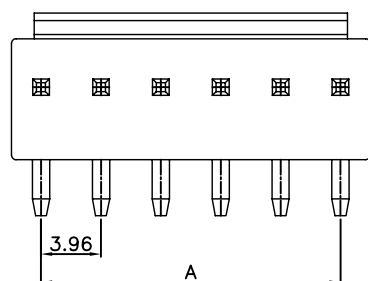
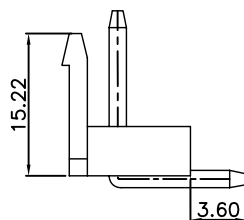
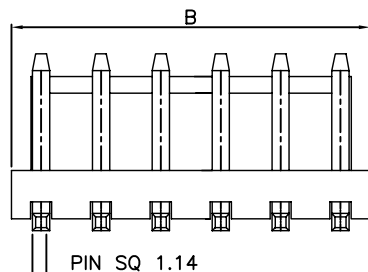
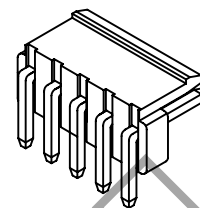
PART NO.	Dimensions	
	A	B
A3963WVA-02P	3.96	7.92
A3963WVA-03P	7.92	11.88
A3963WVA-04P	11.88	15.84
A3963WVA-05P	15.84	19.80
A3963WVA-06P	19.80	23.76
A3963WVA-07P	23.76	27.72
A3963WVA-08P	27.72	31.68
A3963WVA-09P	31.68	35.64
A3963WVA-10P	35.64	39.60
A3963WVA-11P	39.60	43.56
A3963WVA-12P	43.56	47.52
A3963WVA-13P	47.52	51.48
A3963WVA-14P	51.48	55.44
A3963WVA-15P	55.44	59.40
A3963WVA-16P	59.40	63.36
A3963WVA-17P	63.36	67.32
A3963WVA-18P	67.32	71.28

Unit: mm

A3963WVR — 3.96mm pitch 180° Wafer

Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon66, UL94V-0
- *Mates with E.N A3963 series Housing



Ordering Information & Dimensions

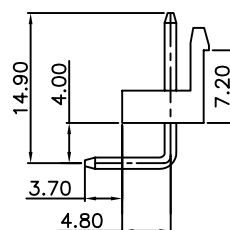
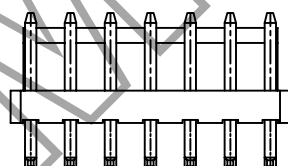
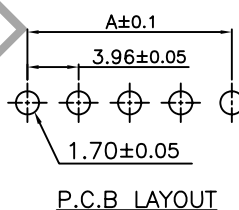
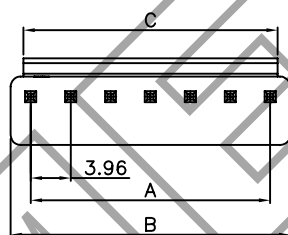
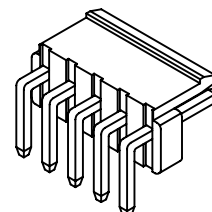
PART NO.	Dimensions	
	A	B
A3963WVR-02P	3.96	7.92
A3963WVR-03P	7.92	11.88
A3963WVR-04P	11.88	15.84
A3963WVR-05P	15.84	19.80
A3963WVR-06P	19.80	23.76
A3963WVR-07P	23.76	27.72
A3963WVR-08P	27.72	31.68
A3963WVR-09P	31.68	35.64
A3963WVR-10P	35.64	39.60
A3963WVR-11P	39.60	43.56
A3963WVR-12P	43.56	47.52
A3963WVR-13P	47.52	51.48
A3963WVR-14P	51.48	55.44
A3963WVR-15P	55.44	59.40
A3963WVR-16P	59.40	63.36
A3963WVR-17P	63.36	67.32
A3963WVR-18P	67.32	71.28

Unit: mm

A3963WR — 3.96mm pitch 90° Wafer

Reference Informations:

- *Material: Pin: Phosphor Bronze/Tin-plated
Wafer: Nylon66, UL94V-0
- *Mates with E.N A3963 series Housing



Ordering Information & Dimensions

PART NO.	Dimensions		
	A	B	C
A3963WR-02P	3.96	7.92	5.40
A3963WR-03P	7.92	11.88	9.36
A3963WR-04P	11.88	15.84	13.32
A3963WR-05P	15.84	19.80	17.28
A3963WR-06P	19.80	23.76	21.24
A3963WR-07P	23.76	27.72	25.20
A3963WR-08P	27.72	31.68	29.16
A3963WR-09P	31.68	35.64	33.12
A3963WR-10P	35.64	39.60	37.08
A3963WR-11P	39.60	43.56	41.04
A3963WR-12P	43.56	47.52	45.00
A3963WR-13P	47.52	51.48	48.96
A3963WR-14P	51.48	55.44	52.92
A3963WR-15P	55.44	59.40	56.88
A3963WR-16P	59.40	63.36	60.84
A3963WR-17P	63.36	67.32	64.80
A3963WR-18P	67.32	71.28	68.76

Unit: mm