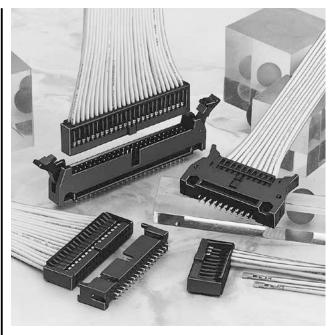


RA CONNECTOR

Disconnectable Crimp style connectors

2.54 mm



Crimp style receptacles that are designed to mate with headers conforming to MIL-C-83503. The low insertion force contacts reduce surface finish wear and resist stress relaxation very well.



• Secure lock device

The locking levers are engaged by inserting the receptacle into the header. This ensures a firm connection that's highly resistant to impact and vibration.

Housing lances

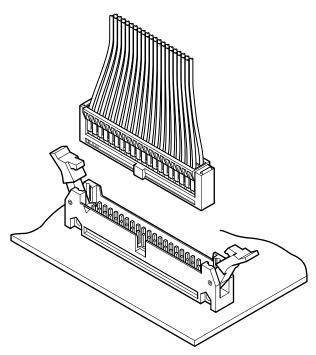
The contact retention lances on the resilient housing allow visual confirmation of contact lock-in for easy and secure insertion.

Low insertion force contact

The low insertion force contacts reduce surface finish wear and reduce the effects of stress relaxation.

Anti-misinsertion feature

The guide devices of both housing and header prevent reverse connector insertion.



Specifications -

• Current rating: 1.0 A AC/DC (AWG #22)

• Voltage rating: 300 V AC/DC

• Temperature range: -55°C to +85°C

(including temperature rise in applying

electrical current)

• Contact resistance: Initial value/ 15 m Ω max.

After environmental tests/ 30 m Ω max.

• Insulation resistance: 1,000 M Ω min.

• Withstanding voltage: 1,000 VAC/minute

• Applicable wire: AWG #26 to #22

• Applicable PC board thickness: 1.6 mm

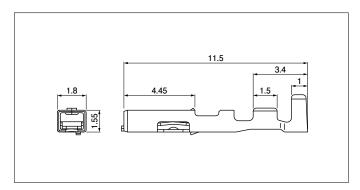
- * In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).
- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

Standards ·

Recognized E60389

RA CONNECTOR

Contact -



Model No.	Applicable wire		Insulation O.D.	Q'ty/	
	mm ²	AWG #	(mm)	reel	
RA-SC1290	0.13 to 0.33	26 to 22	1.3 to 1.7	8,000	

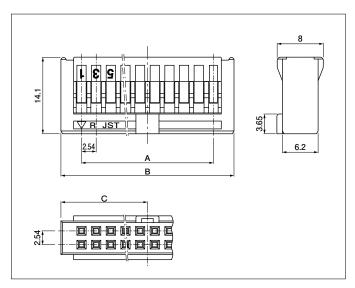
Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

RoHS2 compliance

Note: Contact JST for gold-plated contacts.

Housing



No. of	Madel No	Dimensions (mm)			Q'ty/
circuits	Model No.	Α	В	С	box
10	RA-1011	10.16	17.50	8.75	500
16	RA-1611	17.78	25.12	12.56	500
20	RA-2011	22.86	30.20	15.10	500
26	RA-2611	30.48	37.82	18.91	500
30	RA-3011	35.56	42.90	21.45	200
34	RA-3411	40.64	47.98	23.99	500
40	RA-4011	48.26	55.60	27.80	200
50	RA-5011	60.96	68.30	34.15	200
60	RA-6011	73.66	81.00	40.50	200

Material and Finish

Glass-filled PBT, UL94V-0, black

RoHS2 compliance

Header ·

The following headers are applicable to the above Housing.

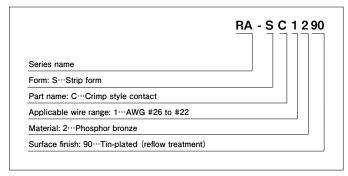
	RA header				
No. of circuits	Top entry type	Side entry type			
10	RA-H101TD-1190	RA-H101SD-1190			
16	RA-H161TD-1190	RA-H161SD-1190			
20	RA-H201TD-1190	RA-H201SD-1190			
26	RA-H261TD-1190	RA-H261SD-1190			
30	RA-H301TD-1190	_			
34	RA-H341TD-1190	RA-H341SD-1190			
40	RA-H401TD-1190	RA-H401SD-1190			
50	RA-H501TD-1190	RA-H501SD-1190			
60	RA-H601TD-1190	RA-H601SD-1190			

RoHS2 compliance This product displays (LF)(SN) on a label. Note: Contact JST for gold-plated headers.

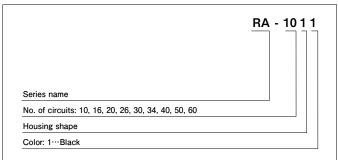
RA CONNECTOR

Model number allocation -

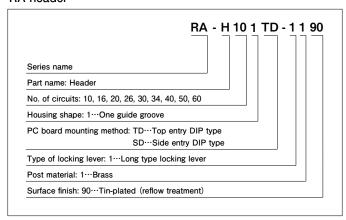
Contact



Housing



RA header



Crimping machine, Applicator -

Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
RA-SC1290	AP-K2N	MKS-L	MK/RA-SC12	APLMK RA-SC12

Note: Contact JST for fully automatic crimping applicator.