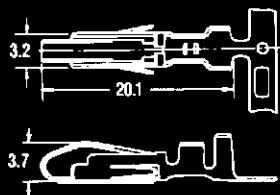


Contact and Housing Specifications

Crimp Snap-In Contacts (Hermaphroditic Type)

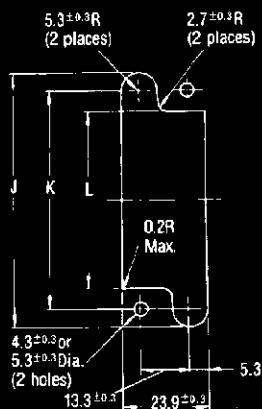
Material: Phosphor Bronze



Housings 8, 12, 16, 20 and 24 Pos.

Material:
UL 94V-0 rated, Polybutylene
terephthalate (PBT), Blue

Panel Cutout



Rear panel mount

Wire Range†		Wire Ins. Dia.	Finish	Contact Part No.		Hand Tool Number
AWG	mm²			Strip Form	Loose Piece	
24-20	0.22-0.53	1.5-1.95	Selective Gold over Nickel plated*	170311-1	170313-1	724632-1
20-16	0.5-1.42	1.8-3.3		170484-1 ^Δ	170485-1 ^Δ	724787-1
18-14‡	0.86-2.18	2.3-3.9		170312-1	170314-1	724639-1

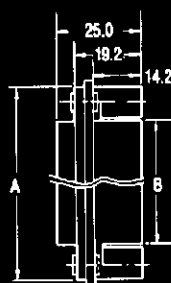
† Use wires stipulated by UL 1015 or 1007.

‡ Contacts for wire size ranges of AWG#18-14 are used at four corners of connectors as power supply contacts. (8 per assembly required.)

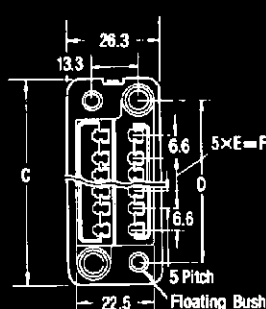
* Contact area, 6mm long from tip, is gold plated over nickel under-plate.

Extraction Tool: Part Number 723986-1

Instruction Sheet No. IS-097J(P/N724632-1), IS-098J(P/N724639-1), IS-161J(P/N724787-1).



Receptacle



Plug

No. of Pos.	Housing Dimension						Housing Part Numbers		
	A	B	C	D	E	F	Floating Bush Size	Receptacle	Mtg. Hole Dim. Plug
8	47.2	26.8	51.2	38.0	1	5.0	3.0	172070-1	3.3
							4.0	172070-3	4.3
12	57.2	36.8	61.2	48.0	3	15.0	3.0	172069-1	3.3
							4.0	172069-3	4.3
16	67.2	46.8	71.2	58.0	5	25.0	3.0	172068-1	3.3
							4.0	172068-3	4.3
20	77.2	56.8	81.2	68.0	7	35.0	4.0	173033-3	4.3
							4.0	173033-3	4.3
24	87.2	66.8	91.2	78.0	9	45.0	3.0	172625-1	3.3
							4.0	172625-3	4.3

No. of Pos.	Rear Panel Mount Dim.		
	J	K ^{+0.3}	L ^{+0.3}
8	48.6	38.0	28.2
12	58.6	48.0	38.2
16	68.6	58.0	48.2
20	78.6	68.0	58.2
24	88.6	78.0	68.2

Note:
Mounting holes of 5.3mm dia. are
used when mounting receptacle
 housings with 4mm long floating
 bush and the mating plug hous-
 ings. Panel thickness is 1.6mm.
 Panel cutout shown to the left is
 for use with plug housings. For
 receptacle housings, use the mirror-
 image cutout.



Mated Fig.

AMP

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