

Features

- Low profile
- Rugged design
- Vertical or horizontal entry
- Tape & reel packaging available
- RoHS compliant* see processing information on RoHS compliant surface mount components

■ For applications/processing guidelines, click here

70AD/Male - Modular Contact

Materials & Finishes

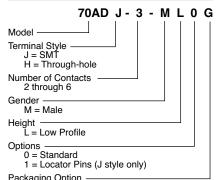
Insulator	Glass reinforced
thermoplastic,	UL 94V-0 rated, black
Contact	Copper alloy
Finish	
Underplating	30 μ" to 60 μ" Ni
Contact Area	. 30 μ" min. Au over Ni
	Tin alloy
(meets MIL-S	STD-202, method 208)

Operating Characteristics

Electrical	
Current Rating	DC 3 A/contact
Voltage Rating	DC 30 V
Contact Resistance	25 mΩ max.
Dielectric Voltage	AC 500 V
Insulating Resistance	500 MΩ min.
Operating Temperature	
	FF 00 : 40F 00

	55 °C to 125 °C
Mechanical	
Vibration10-5	5 Hz, 0.06 inches D.A.
Shock	50 G, 11 ms
Normal Force	100 grams min.
	at a working height of
	0.51 mm (0.020 in.)
Durability	5,000 cycles

How to Order



Packaging Option
___ = Tube (240/N pcs. or 240 contacts per tube)

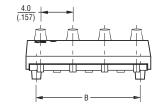
G = Embossed Tape (500 pcs. per reel)

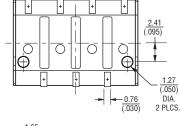
Number of	Dimension	Dimension
Contacts	Α	В
2	7.7	5.11
	(.303)	(.201)
3	11.7	9.11
	(.461)	(.359)
4	15.7	13.11
	(.618)	(.516)
5	19.7	17.11
	(.776)	(.674)
6	23.7	21.11
	(.933)	(.831)

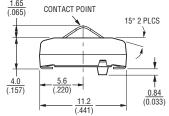
Product Dimensions

70ADJ

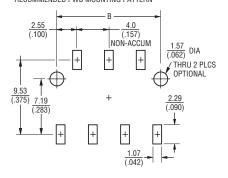
A 7.57 11.0 (298) (433)



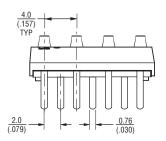


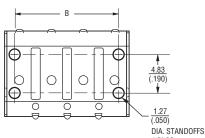


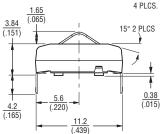
RECOMMENDED PWB MOUNTING PATTERN



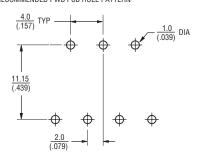
70ADH







RECOMMENDED PWB PCB HOLE PATTERN

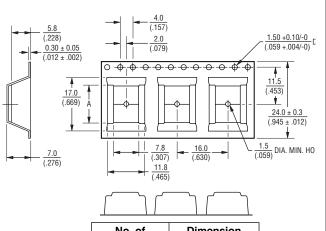


TOLERANCES: $\frac{\pm 0.3}{(\pm .012)}$ UNLESS OTHERWISE NOTED DIMENSIONS: $\frac{\text{MM}}{(\text{INCHES})}$

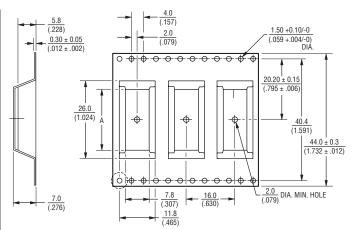
70AD/Male - Modular Contact

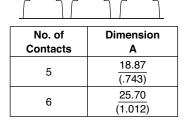
BOURNS®

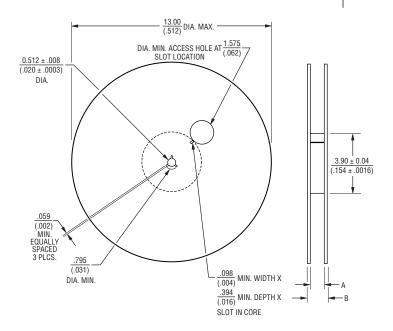
Packaging Specifications



No. of Contacts	Dimension A
2	7.4 (.291)
3	11.7 (.461)
4	16.7 (.657)







No. of Contacts	Dimension A	Dimension B
2	.961 (.038)	1.197 (.047)
3	.961 (.038)	1.197 (.047)
4	.961 (.038)	1.197 (.047)
5	1.765 (.069)	1.98 (.078)
6	1.765 (.069)	1.98 (.078)