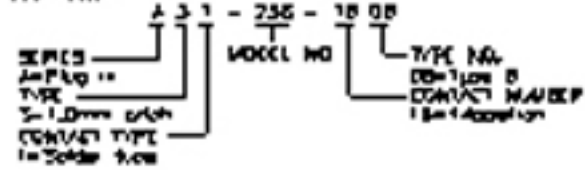


ITEM NO.	PARTS NAME	QTY	MATERIAL	FINISH/TREATMENT
1	TOP COVER	1	Z-NI	100%Ni
2	BOTTOM COVER	1	Z-NI	100%Ni
3	WELDER	3	Z-NI	100%Ni
4	INSULATOR	1	FR-4/UL94V-0	UL-94V-0 (black)
5	CONTACT	1	99.99%Ag	NON-PLATING
6	WELDER	1	70/30 CuSn	NON-PLATING
7	CONTACT	18	Phosphor Bronze	Gold flash selective
8	WELDER	1	FR-4/UL94V-0	UL-94V-0 (black)

SPECIFICATION
MATERIAL
 See drawing
STANDARD DATA
 Plating current 1 DA
 Anodic tank Al(OH)₃ Soln.
 Operating temperature -30°C ~ +100°C
 Storage temperature -40°C ~ +80°C
ELECTRICAL
 Insulator resistance 10000 ohm/IN @ 250 VDC
 Withstanding voltage 100 VAC / minute
 Contact resistance 50 m ohm Max.
MECHANICAL
 Mating force 30N(3.0kgf) Max.
 Inserting force (without lock) 2.5N(0.25kgf) Max.
 Durability 10000 cycles Max.
 Contact resistance (over 2.5N(0.25kgf) Max.
 PART NO.



CYPRESS INDUSTRIES

REV	DATE	BY	CHK	APP	DESCRIPTION	DATE	BY	CHK	APP	DESCRIPTION
1	08/24/02	HJ CHEN			REVISED	08/24/02	HJ CHEN			REVISED
2	08/24/02	HJ CHEN			REVISED	08/24/02	HJ CHEN			REVISED

PLUG IN CONNECTOR
 Solder type-18 position
 PART NO: A31-238-1800
 CONTACT NUMBER: 001