

PIN #	COLOR
1	RED w/WHITE
2	RED
3	GREEN / YELLOW
4	RED w/YELLOW
5	RED w/BLACK
6	RED w/BLUE

Technical drawing of the MAC-6MR-M16 connector. The front view shows a hexagonal shell with a diameter of 19.1 mm and a mounting hole diameter of 7.5 mm. The side view shows the connector's profile with dimensions: 14.9 mm for the shell thickness, 7.6 mm for the nut thickness, and 0.59 mm and 0.30 mm for the contact dimensions. The detail view shows the internal wiring with dimensions: 1/2-20 UNF 2A for the shell threads and M16x1.5 for the nut threads. The overall length is denoted as L.

MATERIALS	
SHELL:	NICKEL PLATED BRASS
CONTACTS:	GOLD PLATED COPPER ALLOY
WIRES:	
STYLE:	UL 1007/1569
AWG:	22 AWG
JACKET:	PVC
VOLTAGE:	300V
INSERT:	POLYAMIDE
O-RING:	NBR
NUT:	NICKEL PLATED BRASS

APPROVALS	
US:	UL LISTED
CANADA:	C-UL LISTED
ROHS:	YES
CE & UKCA:	YES

RATINGS	
PROTECTION CLASS:	UL TYPE 4 & 12, IEC IP69

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES AND [MM]

MATERIAL

FINISH

DO NOT SCALE DRAWING

VOLTS	300V
AMPS	4A
TEMP:	105°C

OTHER LENGTHS ARE AVAILABLE PLEASE CONSULT FACTORY	
MENCOM CORPORATION	
TITLE: 6 PL MAL MAC RCP W/M16	
SIZE B	DWG. NO. MAC-6MR-M16-ZZ
SCALE: 2:1	WEIGHT:
SHEET 1 OF 1	