

5 4 3 2 1

DWG NO. R1001-8P8C

REV	ECO NO.	DATE	BY	APP'D
A	REL TO PRODUCTION PER ECO 001	4/26/06	KL	

RoHS Compliant

Technical drawing of a modular plug (8P8C) showing front, side, and detail views with dimensions in inches and millimeters.

- Front View: .022 ±.002 (0.56 ±.05)
- Side View: .109 (2.77), .231 ±.002 (5.89 ±.05), .142 ±.002 (3.61 ±.05), .285 (7.24), .312 ±.002 (7.92 ±.05), .532 (13.51), .384 ±.002 (9.75 ±.05), .460 ±.002 (11.68 ±.05)
- Top View: .884 ±.002 (22.46 ±.05), .845 ±.002 (21.46 ±.05), .319 (8.10)
- Detail A: Shows a close-up of the contact blade with a diameter of $\phi .039$ (1.0).

- TYPE OF MODULAR PLUG: 8P8C
- ELECTRICAL:
DIELECTRIC WITH STANDING VOLTAGE 500 VOLTS AC
INSULATION RESISTANCE: 500 MEGOHMS TERMINAL
RESISTANCE: 35 MILLIOHMS MAX. AFTER ENVIRONMENTAL TEST
RATED 250 VOLTS AC MAX. AT 2 AMPS.
- MATERIAL & FINISH:
PLASTIC HOUSING: POLYCARBONATE (PC)
CONTACT BLADE:
(1) HIGH STRENGTH COPPER ALLOY JIS 059198-1
(2) 50 MICRO INCHES GOLD OVER 100 MICRO INCHES NICKEL PLATE
- DURABILITY: 1,000 MATING CYCLES
- ACCEPTS 24 & 26 AWG WIRE

UNIT: mm

CONFIDENTIAL

© Copyright 2006 Regal Electronics, Inc. This drawing is the property of Regal Electronics and contains confidential information, trade secret information and/or know-how which is the property of Regal Electronics. By accepting this drawing, the recipient agrees not to provide, or otherwise make available, the drawing or any information or know-how embodied therein, to any third party without prior written authorization.

DRAWN: KIM	DATE 4/26/06	TITLE: MODULAR PLUG
CHECKED:	DATE	
ENGINEER:	DATE	
APPROVED:	DATE	
APPROVED:	DATE	
APPROVED:	DATE	
SIZE B	DRAWING NO. R1001-8P8C	REV A
SCALE: NONE		SHEET 1 OF 1

5 4 3 2 1