



**MATERIAL**  
 Housing: High-impact Polycarbonate (PC resin), UL 94 V-2 rated, transparent  
 Insert: High-impact Polycarbonate (PC resin), UL 94 V-2 rated, transparent  
 Blades: Phosphor bronze, plated with 50  $\mu$ m (1.27  $\mu$ m) thick hard gold over 100  $\mu$ m (2.54  $\mu$ m) thick nickel underplate on contact area  
 RoHS compliant

**WIRE RANGE**  
 Conductor Diameters: 0.016 in (0.41 mm) 26 AWG - 0.020 in (0.51 mm) 24 AWG  
 Insulation Diameters: 0.032 in (0.8 mm) - 0.039 in (1.0 mm)  
 Cable Diameters: 0.197 in (5 mm) - 0.354 in (9 mm)

**SPECIFICATION**  
 Meet IEC 60603-7 Standard  
 Meet TIA-1096-A Standard

Blades	2-prong	Angled 2-prong	Angled 2-prong	3-prong	Angled 3-prong	Long Angled 2-prong		
Drawing								
Mark			●					
Gold Plating	3 $\mu$ "	6 $\mu$ "	15 $\mu$ "	30 $\mu$ "	50 $\mu$ "	Cable Type	Round	Flat
Mark					●	Mark	●	

DRAWN BY Ethan Wu	
APPROVED BY Jerry Su	
DIMENSIONS ARE IN [MM]	
TOLERANCES:	
~20	~50
~150	150~
~0.2	~0.4
~0.5	~1.5
ANGLE	2°
3rd Angle Projection	

Another quality product from <b>BLACK BOX</b> NETWORK SERVICES 724-746-5500 • www.blackbox.com	
TITLE Category 6 Modular Plugs Un-Shielded - xxx Pack	
PARTS NO. FMTP6-R2-XXXXPAK	REV. 1
DATE 2012.03.28	SCALE X
SHEET 1/1	