

Keystone module, design compatible, CAT 6a, unshielded



**NOTES:**

**General information:**

1. Tool Installation
2. Unshielded
3. Transmission Properties: CAT 6a
4. Area of Application: 500MHz, 10GBit
5. Standard: ISO/IEC 11801 ; TIA/EIA 568-C

**ELECTRICAL:**

1. VOLTAGE RATING: 125VAC.
2. CURRENT RATING: 1.5AMP.
3. CONTACT RESISTANCE: 100mΩ MAX.
4. INSULATION RESISTANCE: 1000 MΩ MIN. @ 500 VDC.
5. DIELECTRIC STRENGTH: 750 VAC 60Hz, 1 MIN.

**MECHANICAL:**

1. HOUSING MATERIAL: PC UL94V-0.
2. INSERT MATERIAL: PBT+30%GF, UL94V-0
3. PCB MATERIAL: FR-4 THICKNESS 1.6mm.
4. CONTACT MATERIAL: PHOSPHOR BRONZE  
STAMP PIN t=0.35mm.  
50u" Selective Gold plated
5. IDC CONTACT MATERIAL: PHOSPHOR BRONZE t=0.50mm
6. WIRE: 22-26 AWG
- ① 7. MATING CYCLES: 750 CYCLES MIN.
- ① 8. PoE RATING: IEEE 802.3AF AND IEEE 802.3AT

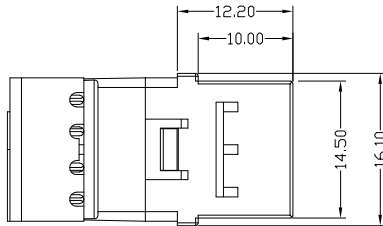
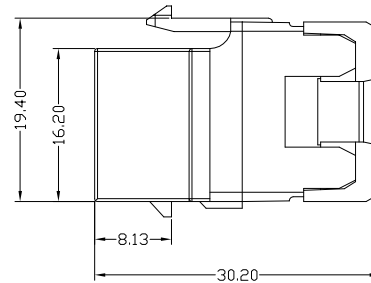
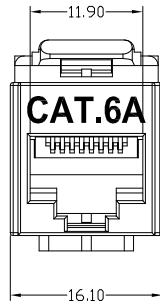
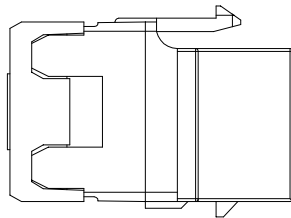
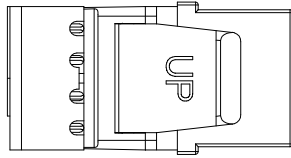
**ENVIRONMENTAL:**

1. STORAGE: -40°C TO +85°C
2. OPERATION: -40°C TO +85°C

CONFORMING TO TIA/EIA 568B  
 MATES WITH MODULAR PLUG CONFORMING TO TIA-1096-A.  
 Package: 1pcs/PE bag ; 20pcs/box

WSW Order code A-KEY-8-EG-GIB-Wlx5

Housing color option  
 W: White  
 R: Red  
 Y: Yellow  
 B: Blue  
 K: Black



**RoHS compliant**  
 Unit: mm

Scale	Free						Date	Name	Customer-No.	
TOLERANCE						Drawn	19.06.2018	Segal	ASSMANN WSW-No. <b>A-KEY-8-EG-GIB-Wlx5</b>	
X.X	±0.20					Approved	12.06.2019	Amy		
X.XX	±0.15									
X.XXX	±0.10									
DIM	TOL	①	Add mating cycles and PoE rating	12.06.2019	Amy				Drawing-No.	
		②	Drawn	19.09.2018	Segal				<b>ASS 8219 CO</b>	rev01
Angle	±5°	Id.	Modification	Date	Name				Replace	Sheet

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