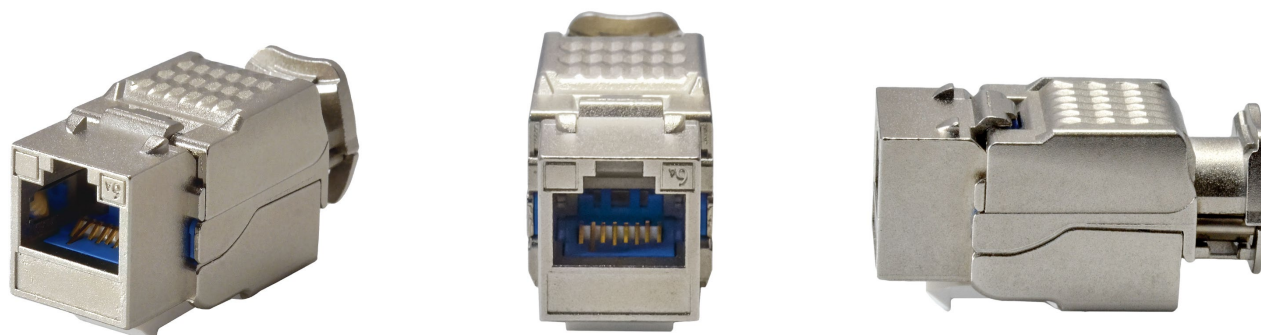


Product Number: **66340027**
 Stock Code: **T012128**
 Description: **CAT6A shielded, keystone, toolless (HZV Series)**

Document name: **PG66340027**
 Issue/Version No: **1.0**
 Date: **12/05/2022**
 Page: **1 of 2**



Use / Application:

The HZV series category 6A STP modular jack has been designed to simplify and accelerate network deployment. This fully shielded modular jack meets or exceeds ISO/IEC 11801 Ed.2.2 system performance for Class EA networks (10G, 500MHz) and category 6A connectivity. Used with shielded cable (U/FTP, F/UTP or S/FTP), this modular jack is easy to install in modular patch panels, wall outlets or floor distributors.

Benefits & Features:

- Easy visual inspection of the wiring colour code to ensure every connection is correct
- Toolless termination or can be terminated with parallel pressing tool/pliers
- Universal keystone format allows multiple mounting options
- Optimised printed circuit design for improved high frequency crosstalk performance
- Secure metal contact provides earthing integrity at the patch panel
- STP, category 6A shielded RJ45 modular jack, keystone
- Suitable for PoE and PoE+ applications
- Compliant with AS/NZS 3080:2013
- ACMA compliant – RCM
- Meets or exceeds ISO/IEC 11801-1, ANSI/TIA 568-C.2
- CAT6A, Class EA, 500MHz, 10G

Technical Attributes:

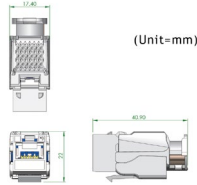
Transmission Performance	ISO-11801 & TIA-568.2-D CAT6A Connecting Hardware Certified
FCC & IEC Compliance	Meets FCC part 68-F & IEC 60603-7
PoE Compliance	Supports Power over Ethernet PoE+ 802.3at and PoE++802.3bt
Ethernet Standard	IEEE 802.3an 10GBase-T 10Gbit/s Ethernet over Twisted Pair
EU Directive 2002/95/EC	RoHS Compliant
Safety Listing	UL Listed

Materials Specifications

Jack Housing	Zinc Alloy, Nickel Plated
Spring Wire	Phosphor Bronze
Splice Wiring Plating	50u" Gold at Contact Area Nickel Undercoat
IDC Terminal	Phosphor Bronze

IDC Terminal Plating	Ni/Sn
IDC Housing	ABS UL94-0
Top Cover + Rear Cover	Zinc Alloy, Nickel Plated
PCB	FR-4

Dimensions:



Mechanical Specifications

Keystone Latching Force	>180N
Plug Insertion Life	>750x
Plug Retention Force	>80N
Plug Insertion Force	<30N
Plug Withdraw Force	<30N
IDC Re-Termination	>20x
Cable Retention Force	>70N

Electrical Specifications

Constant Resistance	<20mΩ
DC Resistance	<200mΩ
Shield Resistance	<100mΩ
Resistance Unbalance	<50mΩ
Insulation Resistance	>500mΩ
Dielectric Strength	>1000VDC
Current Rating	1.5A @ 20°C

Environmental Specifications

Operating Temperature	-10°C to 60°C
Storage Temperature	-40°C to 68°C
Humidity	10% to 90%RH

Cable & Tool Compatibility

Cable O.D.	5mm to 9mm
Insulation Diameter	0.8mm to 1.47mm
Conductor Gauge	23AWG Solid to 26AWG Standard
Tool	RJ45 Keystone Parallel Plier / 62x44 or toolless