

NOTES:

TRANSMISSION PERFORMANCE:

- ANSI/TIA-568-C.2, category 6A

ENVIRONMENTAL:

- Storage temperature: -40 °C--+70 °C (-40 °F--+158 °F)
- Operation temperature: -10 °C--+60 °C (+14 °F--+140 °F)
- RH (operation): max non-condensing 93 %

ELECTRICAL:

- Insulation resistance: min 500 MOhm @ 100 V<sub>dc</sub>
- Dielectric withstanding voltage: 1000 V<sub>dc/ac</sub> peak contact-to-contact @ 60 Hz for 1 min  
1500 V<sub>dc/ac</sub> peak contact-to-panel @ 60 Hz for 1 min
- Spring wire contact resistance: max 20 mOhm
- IDC contact resistance: max 2.5 mOhm

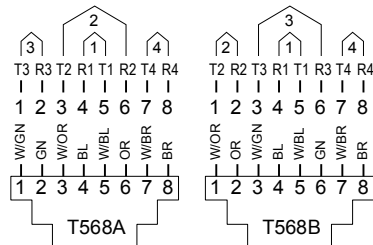
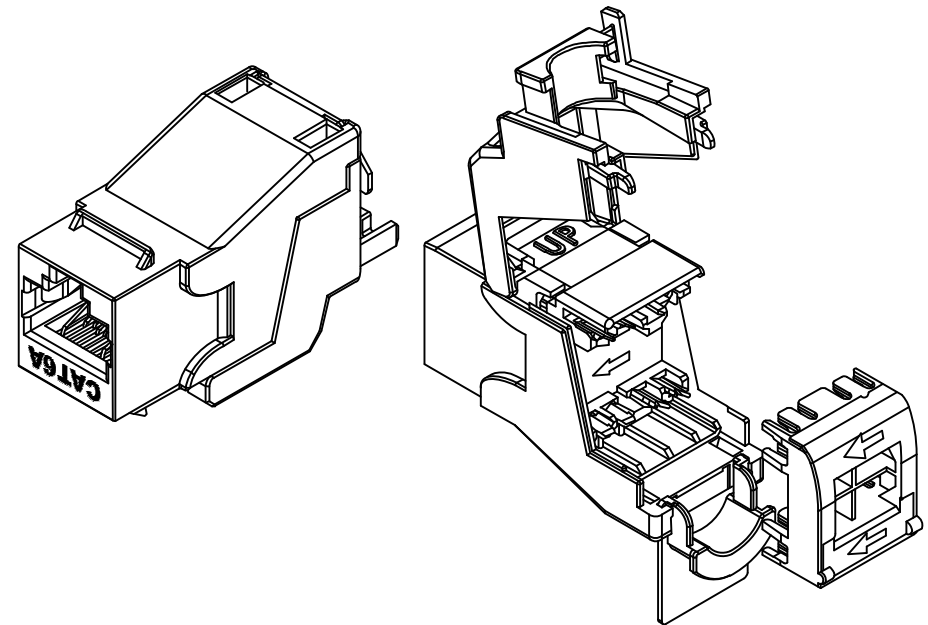
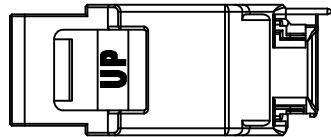
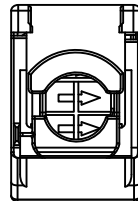
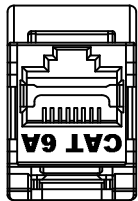
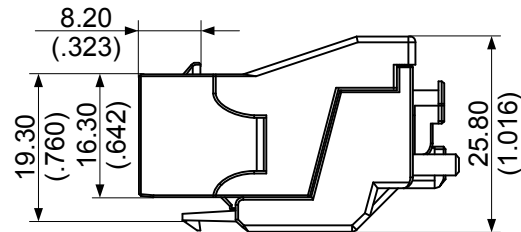
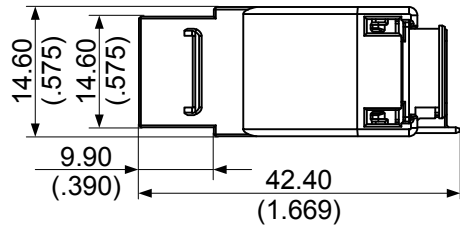
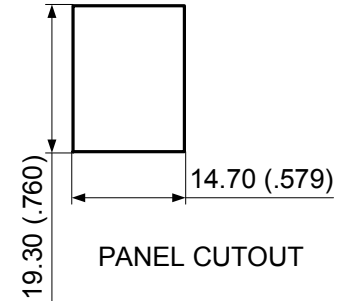
MECHANICAL:

- Retention: 50 N (11 lbf) for 60 ± 5 s
- Mating cycle life: min 750 cycles
- IDC wire gauge: 22-24 AWG (0.644-0.511 mm)

CONSTRUCTION:

- Housing: zinc alloy
- Jack spring wire: phosphor bronze alloy plated with 50 microinches of gold over 70-100 microinches of nickel
- IDC: 110 type, phosphor bronze alloy with 100 microinches of 100% tin alloy

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	A-JUL-10 KJS458TL-C6AC	JUL'10	



WIRING SCHEMES

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MILLIMETERS (INCHES)  
TOLERANCES: MM IN ANGULAR

0.0: ±0.2 0.0: ±0.016 0 ±1°  
0.00: ±0.1 0.00: ±0.008 0.0 ±0.5°  
0.000: ±0.004

**MATERIAL:** AS NOTES  
**MECHANICAL:** AS NOTES  
**ELECTRICAL:** AS NOTES



<b>PROJECT ID</b> SPCS - PD		<b>FILE</b> SPCS - PD.KJS458TL-C6AC	<b>JUL'10</b>	16295 NW 13th Ave, Ste A, Miami, FL 33169, PH: (305) 944-7710, FX: (305) 949-4483, www.signamax.com	
<b>PROCESS</b>	<b>INITIALS</b>	<b>NAME</b>	<b>DATE</b>	<b>TITLE</b> KJS458TL-C6AC (CAT6A SCREENED TOOLLESS KEYSTONE JACK)	
DRAWN				<b>SIZE</b> A	<b>REV</b> A
CHECK				<b>CAGE CODE</b>	<b>DWG. NO.</b>
APPROVED				<b>UNIT</b> MM (IN)	<b>SHEET</b> 1 OF 1
				<b>SCALE</b> 1:1	