

**stewart**  
CONNECTOR  
a bel group

1118 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
(717) 235-7512

http://www.stewartconnector.com

**PRODUCT  
CHANGE  
NOTIFICATION**

DATE	REV
07/29/22	A1

**PRODUCT CHANGE NOTIFICATION**

UPDATED DRAWING FORMAT AND ADDED US CUSTOMARY UNITS:

- 1) CT820021 P/N SS-82000-005
  - 2) CT820022 P/N SS-82100-005
- NO PRODUCT CHANGES

**ISOMETRIC VIEW**

**WIRING LABEL**

**JACK HOUSING**

**INSERT MODULE**

**WIRE CAP**

**WIRING LABEL**

**IDC MODULE**

**ASSEMBLY DIMENSION**

**COMPONENTS**

ITEM	DESCRIPTION	QTY
5	WIRING LABEL	2
4	IDC MODULE	1
3	WIRE CAP	1
2	INSERT MODULE	1
1	JACK HOUSING	1

**TRANSMISSION PERFORMANCE**  
Meet all requirements specified in connecting hardware requirement of ANS/TIA-568-C.2, Category 5e

**ELECTRICAL**  
Electrical Insulation Resistance: 500 MD min. @ 100V d.c.  
Dielectric Withstanding Voltage: 1000V d.c. or a.c. Peak Contact to Contact: 60Hz for 1 minute  
150V d.c. or a.c. Peak Contact to Panel @ 60Hz for 1 minute

**MECHANICAL**  
Insertion / Extraction Life: 750 Cycles Minimum  
IDC Wire Gauge: 22 - 24 AWG

**PHYSICAL**  
Housing: High-Impact, Flame-Retardant Plastic, UL 94V-0  
Spring Wire: Phosphor Bronze Alloy Plated With 50 micro-inch of Gold  
IDC: Phosphor Bronze Alloy With 100 micro-inch 100% Sn Alloy

Part Number: SS-82000-005

bel logo

308 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
(717) 235-7512  
http://www.belgroup.com

CAT 5e UNSHIELDED TOOL-LESS KEYSTONE JACK

REV: DC 03/06/18  
REV: TM 03/08/18  
REV: AW 03/08/18  
REV: AW 03/08/18

RoHS

**ISOMETRIC VIEW**

**WIRING LABEL**

**JACK HOUSING**

**GROUNDING BAR**

**GROUNDING SPRINGS**

**WIRE CAP**

**WIRING LABEL**

**IDC MODULE**

**INSERT MODULE**

**ASSEMBLY DIMENSION**

**COMPONENTS**

ITEM	DESCRIPTION	QTY
7	CABLE TIE	1
6	WIRING LABEL	2
5	GROUNDING SPRINGS	1
4	IDC MODULE	1
3	WIRE CAP	1
2	INSERT MODULE	1
1	JACK HOUSING	1

**TRANSMISSION PERFORMANCE**  
Meet all requirements specified in connecting hardware requirement of ANS/TIA-568-C.2, Category 5e

**ELECTRICAL**  
Electrical Insulation Resistance: 500 MD min. @ 100V d.c.  
Dielectric Withstanding Voltage: 1000V d.c. or a.c. Peak Contact to Contact: 60Hz for 1 minute  
150V d.c. or a.c. Peak Contact to Panel @ 60Hz for 1 minute

**MECHANICAL**  
Insertion / Extraction Life: 750 Cycles Minimum  
IDC Wire Gauge: 22 - 24 AWG

**PHYSICAL**  
Housing: 2in.-x3in. fully shielded  
Spring Wire: Phosphor Bronze Alloy Plated With 50 micro-inch of Gold  
IDC: Phosphor Bronze Alloy With 100 micro-inch 100% Sn Alloy

Part Number: SS-82100-005

bel logo

308 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
(717) 235-7512  
http://www.belgroup.com

CAT 5e SHIELDED TOOL-LESS KEYSTONE JACK

REV: DC 03/06/18  
REV: TM 03/08/18  
REV: AW 03/08/18  
REV: AW 03/08/18

RoHS

**OLD DESIGN**

**ISOMETRIC VIEW**

**WIRING LABEL**

**JACK HOUSING**

**INSERT MODULE**

**WIRE CAP**

**WIRING LABEL**

**IDC MODULE**

**ASSEMBLY DIMENSION**

**COMPONENTS**

ITEM	DESCRIPTION	QTY
5	WIRING LABEL	2
4	IDC MODULE	1
3	WIRE CAP	1
2	INSERT MODULE	1
1	JACK HOUSING	1

**TRANSMISSION PERFORMANCE**  
Meet all requirements specified in connecting hardware requirement of ANS/TIA-568-C.2, Category 5e

**ELECTRICAL**  
Electrical Insulation Resistance: 500 MD min. @ 100V d.c.  
Dielectric Withstanding Voltage: 1000V d.c. or a.c. Peak Contact to Contact: 60Hz for 1 minute  
150V d.c. or a.c. Peak Contact to Panel @ 60Hz for 1 minute

**MECHANICAL**  
Insertion / Extraction Life: 750 Cycles Minimum  
IDC Wire Gauge: 22 - 24 AWG

**PHYSICAL**  
Housing: High-Impact, Flame-Retardant Plastic, UL 94V-0  
Spring Wire: Phosphor Bronze Alloy Plated With 50 micro-inch of Gold  
IDC: Phosphor Bronze Alloy With 100 micro-inch 100% Sn Alloy

Part Number: SS-82000-005

stewart logo

1118 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
(717) 235-7512  
http://www.stewartconnector.com

CAT 5e UNSHIELDED TOOL-LESS KEYSTONE JACK

REV: DC 03/06/18  
REV: TM 03/08/18  
REV: AW 03/08/18  
REV: AW 03/08/18

RoHS

**ISOMETRIC VIEW**

**WIRING LABEL**

**JACK HOUSING**

**GROUNDING BAR**

**GROUNDING SPRINGS**

**WIRE CAP**

**WIRING LABEL**

**IDC MODULE**

**INSERT MODULE**

**ASSEMBLY DIMENSION**

**COMPONENTS**

ITEM	DESCRIPTION	QTY
7	CABLE TIE	1
6	WIRING LABEL	2
5	GROUNDING SPRINGS	1
4	IDC MODULE	1
3	WIRE CAP	1
2	INSERT MODULE	1
1	JACK HOUSING	1

**TRANSMISSION PERFORMANCE**  
Meet all requirements specified in connecting hardware requirement of ANS/TIA-568-C.2, Category 5e

**ELECTRICAL**  
Electrical Insulation Resistance: 500 MD min. @ 100V d.c.  
Dielectric Withstanding Voltage: 1000V d.c. or a.c. Peak Contact to Contact: 60Hz for 1 minute  
150V d.c. or a.c. Peak Contact to Panel @ 60Hz for 1 minute

**MECHANICAL**  
Insertion / Extraction Life: 750 Cycles Minimum  
IDC Wire Gauge: 22 - 24 AWG

**PHYSICAL**  
Housing: 2in.-x3in. fully shielded  
Spring Wire: Phosphor Bronze Alloy Plated With 50 micro-inch of Gold  
IDC: Phosphor Bronze Alloy With 100 micro-inch 100% Sn Alloy

Part Number: SS-82100-005

stewart logo

1118 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
(717) 235-7512  
http://www.stewartconnector.com

CAT 5e SHIELDED TOOL-LESS KEYSTONE JACK

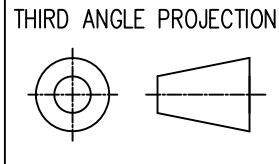
REV: DC 03/06/18  
REV: TM 03/08/18  
REV: AW 03/08/18  
REV: AW 03/08/18

RoHS

**NEW DESIGN**

SHEET 1 OF 1

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF STEWART CONNECTOR. ONE OR MORE U.S. PATENTS MAY APPLY TO THIS PRODUCT. FOR DETAILS, PLEASE VISIT: [HTTP://BELFUSE.COM/STEWART/STEWART\\_PATENTS/](http://BELFUSE.COM/STEWART/STEWART_PATENTS/)



DIMENSIONS SHOWN ARE SUBJECT TO CHANGE WITHOUT NOTICE

DIMENSIONS: INCHES [METRIC]

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ±.007 [0.2] ANGLES ARE ± 1°

DRN BY: BR

APPD BY: GL

DWG NO: PC12027

DATE: 07/29/22

DATE: 07/29/22

REV: A1