

APPROVED BY: MFG. ENG. DATE: QA

APPROVED BY: DATE:

NOTES:

1. ALL PARTS TO BE BULK PACKED UNLESS NOTED.

2. INSTA CLICK IN LINE CABLE ASSEMBLY IS SUPPLIED AS A KIT. CONTACTS SUPPLIED UNASSEMBLED FOR CRIMP AND ASSEMBLED FOR SOCKET VERSIONS

3. ALL DIMENSIONS ARE REFERENCED IN INCHES [MM], WITHIN ± 0.015 UNLESS NOTED.

4. SIZE #20, 9 POSITION CRIMP CONTACTS ASSEMBLY IS BEEN SHOWN AS EXAMPLE. VISIT PART NUMBERING SYSTEM AHART TO VISIT VARIOUS SELECTIONS

W 5 X 8 X - X PG -P- 3 XX

CONTACT SIZES
1' - SIZE #12
2' - SIZE #20
3' - SIZE #16

CONTACTS STYLE
0' - CRIMP
2' - SOLDER

CONTACT POSITIONS
POSITION 2, 3 & 4 (AVAILABLE IN SIZE #12)
POSITION 4, 5 & 6 (AVAILABLE IN SIZE #16)
POSITION 4,5,6,7,8,9,10,11&12 (AVAILABLE IN SIZE #20)

PART NUMBER SYSTEM

15 - CABLE OD 0.15 - 0.17 [3.8 - 4.3mm]
18 - CABLE OD 0.18 - 0.20 [4.6 - 5.1mm]
21 - CABLE OD 0.21 - 0.23 [5.3 - 5.8mm]
24 - CABLE OD 0.24 - 0.27 [6.1 - 6.8mm]
28 - CABLE OD 0.28 - 0.29 [7.1 - 7.4mm]
30 - CABLE OD 0.30 - 0.32 [7.6 - 8.1mm]

#20 CRIMP CONTACTS SHOWN HERE
MATL: COPPER ALLOY, GOLD PLATED

IN LINE CABLE CONN, MALE
MATL: THERMOPLASTIC, BLACK

SLEEVE
MATL: THERMOPLASTIC, BLACK

BACKSHELL
MATL: THERMOPLASTIC, BLACK

GROMMET
MATL: SANTOPRENE, BLACK
W5280-XPG-P-315 0.156 ID FOR CABLES 0.15 - 0.17 [3.5 - 4.3mm]0D
W5280-XPG-P-318 0.187 ID FOR CABLES 0.18 - 0.20 [4.6 - 5.1mm]0D
W5280-XPG-P-321 0.225 ID FOR CABLES 0.21 - 0.23 [5.3 - 5.8mm]0D
W5280-XPG-P-324 0.250 ID FOR CABLES 0.24 - 0.27 [6.1 - 6.8mm]0D
W5280-XPG-P-328 0.285 ID FOR CABLES 0.28 - 0.29 [7.1 - 7.4mm]0D
W5280-XPG-P-330 0.312 ID FOR CABLES 0.30 - 0.32 [7.6 - 8.1mm]0D

Ø.710

KEYWAY

Ø.710 [17.8]

Ø.465 [11.8]

Ø.544 [13.8]

Ø.700 [17.8]

Ø.430 [11.0]

Ø.378 [9.6mm]

Ø.695

W5280-9PG-P-3XX SHOWN MATING VIEW

W5280-8PG-P-3XX MATING VIEW

W5280-7PG-P-3XX MATING VIEW

W5280-6PG-P-3XX MATING VIEW

W5280-5PG-P-3XX MATING VIEW

W5280-4PG-P-3XX MATING VIEW

W5380-6PG-P-3XX MATING VIEW

W5380-5PG-P-3XX MATING VIEW

W5380-4PG-P-3XX MATING VIEW

W5180-2PG-P-3XX MATING VIEW

W5180-3PG-P-3XX MATING VIEW

W5180-4PG-P-3XX MATING VIEW

0A

AM

03/03/22

CUSTOMER DRAWING

REV.

INIT.

DATE

DESCRIPTION

ALL INFORMATION ILLUSTRATED IS THE PROPERTY OF CONXALL CORPORATION. UNAUTHORIZED DUPLICATION OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED.

ORIG. DRAWN BY: AM

DATE: 03/03/22

CHECKED BY:

ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS.

UNLESS OTHERWISE SPECIFIED TOLERANCES:
3 PLACE DECIMALS ±.005
ANGLES ±1°
FRACTIONS ±1/16

▷ - CRITICAL CHARACTERISTIC FLAG PER SPEC. XXXX

APPROVED BY:

SCALE NTS

SIZE B

SHEET 1 OF 1

FILE: FILE NAME

DIRECTORY: SLW

TITLE: IN LINE CABLE CONNECTOR (2-4) #12, (4-6) #16, (4-12) #20 PIN CONTACTS MULTI CONX INSTA-CLICK STANDARD PRODUCT

CUSTOMER: W5X8X-XPG-P-3XX

REV 0A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Switchcraft:

[W5180-2PG-P-315](#) [W5180-2PG-P-318](#) [W5180-2PG-P-321](#) [W5180-2PG-P-324](#) [W5180-2PG-P-328](#) [W5180-2PG-P-330](#) [W5180-3PG-P-315](#) [W5180-3PG-P-318](#) [W5180-3PG-P-321](#) [W5180-3PG-P-324](#) [W5180-3PG-P-328](#) [W5180-3PG-P-330](#) [W5180-4PG-P-315](#) [W5180-4PG-P-318](#) [W5180-4PG-P-321](#) [W5180-4PG-P-324](#) [W5180-4PG-P-328](#) [W5180-4PG-P-330](#) [W5182-2PG-P-315](#) [W5182-2PG-P-318](#) [W5182-2PG-P-321](#) [W5182-2PG-P-324](#) [W5182-2PG-P-328](#) [W5182-2PG-P-330](#) [W5182-3PG-P-315](#) [W5182-3PG-P-318](#) [W5182-3PG-P-321](#) [W5182-3PG-P-324](#) [W5182-3PG-P-328](#) [W5182-3PG-P-330](#) [W5182-4PG-P-315](#) [W5182-4PG-P-318](#) [W5182-4PG-P-321](#) [W5182-4PG-P-324](#) [W5182-4PG-P-328](#) [W5182-4PG-P-330](#) [W5280-4PG-P-315](#) [W5280-4PG-P-318](#) [W5280-4PG-P-321](#) [W5280-4PG-P-324](#) [W5280-4PG-P-328](#) [W5280-4PG-P-330](#) [W5280-5PG-P-315](#) [W5280-5PG-P-318](#) [W5280-5PG-P-321](#) [W5280-5PG-P-324](#) [W5280-5PG-P-328](#) [W5280-5PG-P-330](#) [W5280-6PG-P-315](#) [W5280-6PG-P-318](#) [W5280-6PG-P-321](#) [W5280-6PG-P-324](#) [W5280-6PG-P-328](#) [W5280-6PG-P-330](#) [W5280-7PG-P-315](#) [W5280-7PG-P-318](#) [W5280-7PG-P-321](#) [W5280-7PG-P-324](#) [W5280-7PG-P-328](#) [W5280-7PG-P-330](#) [W5280-8PG-P-315](#) [W5280-8PG-P-318](#) [W5280-8PG-P-321](#) [W5280-8PG-P-324](#) [W5280-8PG-P-328](#) [W5280-8PG-P-330](#) [W5280-9PG-P-315](#) [W5280-9PG-P-318](#) [W5280-9PG-P-321](#) [W5280-9PG-P-324](#) [W5280-9PG-P-328](#) [W5282-4PG-P-315](#) [W5282-4PG-P-318](#) [W5282-4PG-P-321](#) [W5282-4PG-P-324](#) [W5282-4PG-P-328](#) [W5282-4PG-P-330](#) [W5282-5PG-P-315](#) [W5282-5PG-P-318](#) [W5282-5PG-P-321](#) [W5282-5PG-P-324](#) [W5282-5PG-P-328](#) [W5282-5PG-P-330](#) [W5282-6PG-P-315](#) [W5282-6PG-P-318](#) [W5282-6PG-P-321](#) [W5282-6PG-P-324](#) [W5282-6PG-P-328](#) [W5282-6PG-P-330](#) [W5282-7PG-P-315](#) [W5282-7PG-P-318](#) [W5282-7PG-P-321](#) [W5282-7PG-P-324](#) [W5282-7PG-P-328](#) [W5282-7PG-P-330](#) [W5282-8PG-P-315](#) [W5282-8PG-P-318](#) [W5282-8PG-P-321](#) [W5282-8PG-P-324](#) [W5282-8PG-P-328](#)