

APPROVED BY: MFG. ENG. DATE: QA

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NOTES:

1. ALL PARTS TO BE BULK PACKED UNLESS NOTED.

2. INSTA CLICK CABLE END ASSEMBLY IS SUPPLIED AS A KIT. SEE KIT DRAWING.

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 #12, 2 POSITION CRIMP CONTACTS ASSEMBLY IS BEEN SHOWN AS EXAMPLE. VISIT PART NUMBERING SYSTEM CHART TO VISIT VARIOUS SELECTIONS

W 3 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

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]

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)

1.099

Ø.856

KEYWAY

W3180-2PG-P-3XX SHOWN

MATING VIEW

.930 [23.6]

CABLE END CONN KIT

MATL:

HOUSING- THERMOPLASTIC, BLACK

COUPLING RING- THERMOPLASTIC, BLACK

O-RING - RED SILICONE

INTERNAL SPRING - STAINLESS STEEL

#12 CRIMP CONTACTS SHOWN HERE

MATL: COPPER ALLOY, GOLD PLATED

.430 [11.0]

Ø.465 [11.8]

GROMMET

MATL: SANTOPRENE, BLACK

W3180-2PG-P-315 0.156 ID FOR CABLES 0.15 - 0.17 [3.5 - 4.3mm]OD

W3180-2PG-P-318 0.187 ID FOR CABLES 0.18 - 0.20 [4.6 - 5.1mm]OD

W3180-2PG-P-321 0.225 ID FOR CABLES 0.21 - 0.23 [5.3 - 5.8mm]OD

W3180-2PG-P-324 0.250 ID FOR CABLES 0.24 - 0.27 [6.1 - 6.8mm]OD

W3180-2PG-P-328 0.285 ID FOR CABLES 0.28 - 0.29 [7.1 - 7.4mm]OD

W3180-2PG-P-330 0.312 ID FOR CABLES 0.30 - 0.32 [7.6 - 8.1mm]OD

.378 [9.6]

Ø.544 [13.8]

SLEEVE

MATL: THERMOPLASTIC, BLACK

.695 [17.6]

Ø.715 [17.8]

BACKSHELL

MATL: THERMOPLASTIC, BLACK

W3180-2PG-P-3XX

WIRING VIEW

W3180-2PG-P-3XX MATING VIEW

W3180-3PG-P-3XX MATING VIEW

W3380-4PG-P-3XX MATING VIEW

W3280-9PG-P-3XX WIRING VIEW

W3280-8PG-P-3XX WIRING VIEW

W3280-7PG-P-3XX WIRING VIEW

W3280-6PG-P-3XX WIRING VIEW

W3280-5PG-P-3XX WIRING VIEW

W3280-4PG-P-3XX WIRING VIEW

0A AM 04/04/22

REV. INIT. DATE

DESCRIPTION

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ORIG. DRAWN BY: DATE: AM 04/04/22

CHECKED BY:

APPROVED 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

SCALE SIZE SHEET NTS B 1 OF 1

FILE: FILE NAME DIRECTORY: SLW

601 E. WILDWOOD VILLA PARK, IL 60181

CONXALL

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

CUSTOMER: PART NUMBER: W3X8X-XPG-P-3XX

REV REV

CUSTOMER PRINT

PART NUMBER: W3X8X-XPG-P-3XX_CD

Mouser Electronics

Authorized Distributor

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

[Switchcraft:](#)

[W3180-3PG-P-331](#) [W3280-12PG-P-321](#) [W3282-12PG-P-328](#) [W3182-3PG-P-3DC](#) [W3182-3PG-P-531](#) [W3280-10PG-P-330](#) [W3280-12PG-P-3DC](#) [W3282-6PG-P-3DC](#) [W3182-2PG-P-5DC](#) [W3282-11PG-P-324](#) [W3282-11PG-P-330](#) [W3282-4PG-P-3DC](#) [W3280-4PG-P-3DC](#) [W3280-11PG-P-318](#) [W3282-11PG-P-318](#) [W3282-12PG-P-321](#) [W3282-5PG-P-3DC](#) [W3182-3PG-P-5DC](#) [W3280-10PG-P-321](#) [W3280-11PG-P-324](#) [W3282-10PG-P-321](#) [W3282-10PG-P-328](#) [W3282-12PG-P-3DC](#) [W3280-12PG-P-318](#) [W3180-2PG-P-3DC](#) [W3280-9PG-P-325](#) [W3180-3PG-P-3DC](#) [W3280-12PG-P-330](#) [W3282-12PG-P-330](#) [W3182-3PG-P-331](#) [W3280-12PG-P-324](#) [W3280-5PG-P-3DC](#) [W3280-4PG-P-535](#) [W3282-10PG-P-330](#) [W3282-10PG-P-3DC](#) [W3280-11PG-P-330](#) [W3282-11PG-P-3DC](#) [W3282-9PG-P-3DC](#) [W3280-11PG-P-3DC](#) [W3282-7PG-P-316](#) [W3282-8PG-P-3DC](#) [W3280-7PG-P-3DC](#) [W3282-10PG-P-318](#) [W3282-7PG-P-3DC](#) [W3180-3PG-P-520](#) [W3280-10PG-P-328](#) [W3280-10PG-P-318](#) [W3280-11PG-P-321](#) [W3282-11PG-P-321](#) [W3282-12PG-P-324](#) [W3282-9PG-P-325](#) [W3280-10PG-P-324](#) [W3280-9PG-P-300](#) [W3280-12PG-P-328](#) [W3280-8PG-P-3DC](#) [W3280-9PG-P-3DC](#) [W3282-9PG-P-331](#) [W3282-12PG-P-318](#) [W3182-2PG-P-3DC](#) [W3280-11PG-P-328](#) [W3280-6PG-P-3DC](#) [W3282-10PG-P-324](#) [W3282-11PG-P-328](#) [W3280-10PG-P-3DC](#)