

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- 5 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)

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]

35 - CABLE OD 0.35 - 0.40 [8.9 - 10.2mm]

1.099

Ø .856

KEYWAY

W3180-2PG-P-5XX 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-515 0.156 ID FOR CABLES 0.15 - 0.17 [3.5 - 4.3mm]0D

W3180-2PG-P-518 0.187 ID FOR CABLES 0.18 - 0.20 [4.6 - 5.1mm]0D

W3180-2PG-P-521 0.225 ID FOR CABLES 0.21 - 0.23 [5.3 - 5.8mm]0D

W3180-2PG-P-524 0.250 ID FOR CABLES 0.24 - 0.27 [6.1 - 6.8mm]0D

W3180-2PG-P-528 0.285 ID FOR CABLES 0.28 - 0.29 [7.1 - 7.4mm]0D

W3180-2PG-P-530 0.312 ID FOR CABLES 0.30 - 0.32 [7.6 - 8.1mm]0D

W3180-2PG-P-535 0.375 ID FOR CABLES 0.35 - 0.40 [8.9 - 10.2mm]0D

.378 [9.6]

Ø .544 [13.8]

SLEEVE

MATL: THERMOPLASTIC, BLACK

(2) #4 X 3/8 PAN HEAD

SELF TAPPING SCREW

MATL: STAINLESS STEEL

CABLE STRAP

MATL: VALOX, BLACK

BACKSHELL

MATL: THERMOPLASTIC, BLACK

W3180-2PG-P-5XX

WIRING VIEW

W3180-2PG-P-5XX

MATING VIEW

W3180-3PG-P-5XX

MATING VIEW

W3380-4PG-P-5XX

MATING VIEW

W3280-9PG-P-5XX

WIRING VIEW

W3280-8PG-P-5XX

WIRING VIEW

W3280-7PG-P-5XX

WIRING VIEW

W3280-6PG-P-5XX

WIRING VIEW

W3280-5PG-P-5XX

WIRING VIEW

W3280-4PG-P-5XX

WIRING VIEW

0A

AM

04/04/22

CUSTOMER DRAWING

REV.

INIT.

DATE

DESCRIPTION

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ORIG. DRAWN BY: AM

DATE: 04/04/22

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

CUSTOMER: W3X8X-XPG-P-5XX

REV

Mouser Electronics

Authorized Distributor

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

[Switchcraft:](#)

[W3280-11PG-P-528](#) [W3282-10PG-P-524](#) [W3282-11PG-P-528](#) [W3280-10PG-P-524](#) [W3280-9PG-P-535](#) [W3282-12PG-P-530](#) [W3282-9PG-P-524](#) [W3282-12PG-P-521](#) [W3282-11PG-P-535](#) [W3282-4PG-P-535](#) [W3282-5PG-P-518](#) [W3282-4PG-P-518](#) [W3282-5PG-P-528](#) [W3282-9PG-P-515](#) [W3280-12PG-P-530](#) [W3282-4PG-P-528](#) [W3282-6PG-P-524](#) [W3282-8PG-P-524](#) [W3280-11PG-P-535](#) [W3280-8PG-P-531](#) [W3280-11PG-P-518](#) [W3280-11PG-P-521](#) [W3280-5PG-P-5DC](#) [W3282-5PG-P-535](#) [W3282-9PG-P-518](#) [W3280-12PG-P-524](#) [W3282-10PG-P-518](#) [W3282-12PG-P-524](#) [W3282-12PG-P-528](#) [W3282-7PG-P-528](#) [W3280-11PG-P-530](#) [W3280-6PG-P-535](#) [W3282-5PG-P-521](#) [W3280-9PG-P-5DC](#) [W3282-10PG-P-528](#) [W3282-5PG-P-515](#) [W3282-9PG-P-528](#) [W3280-12PG-P-518](#) [W3282-12PG-P-518](#) [W3282-7PG-P-521](#) [W3282-5PG-P-524](#) [W3280-10PG-P-535](#) [W3282-11PG-P-518](#) [W3280-10PG-P-521](#) [W3280-11PG-P-524](#) [W3282-4PG-P-530](#) [W3282-8PG-P-521](#) [W3282-7PG-P-524](#) [W3282-8PG-P-535](#) [W3282-8PG-P-5DC](#) [W3280-12PG-P-528](#) [W3282-11PG-P-530](#) [W3282-5PG-P-5DC](#) [W3282-6PG-P-521](#) [W3282-7PG-P-535](#) [W3280-12PG-P-521](#) [W3280-7PG-P-535](#) [W3282-10PG-P-521](#) [W3282-7PG-P-530](#) [W3280-10PG-P-528](#) [W3280-8PG-P-535](#) [W3282-10PG-P-535](#) [W3280-5PG-P-535](#) [W3282-11PG-P-524](#) [W3282-8PG-P-515](#) [W3282-8PG-P-518](#) [W3282-9PG-P-521](#) [W3280-10PG-P-530](#) [W3282-10PG-P-530](#) [W3282-6PG-P-530](#) [W3282-7PG-P-515](#) [W3282-8PG-P-530](#) [W3282-9PG-P-530](#) [W3282-11PG-P-521](#) [W3282-4PG-P-521](#) [W3282-4PG-P-524](#) [W3282-5PG-P-530](#) [W3282-6PG-P-528](#) [W3282-6PG-P-535](#) [W3282-7PG-P-518](#) [W3282-8PG-P-528](#) [W3280-10PG-P-518](#) [W3282-6PG-P-515](#) [W3282-6PG-P-518](#)