CONTACT QTY. ASSEMBLY P/N **CABLE O.D. RANGE** NOTES: #16 #20 1. ALL PARTS TO BE BULK PACKED W8C82-6PG-P-513 .13-.15 [3.3-3.8] 2. CONTACTS ARE ASSEMBLED WITH THE SOLDER CUPS FACING DIRECTLY OUTWARD W8C82-6PG-P-516 .16-.18 [4.1-4.6] 3. ALL DIMENSIONS ARE REFERENCE EXCEPT THOSE WITH A TOLERANCE W8C82-6PG-P-519 .19-.21 [4.8-5.3] W8C82-6PG-P-522 .22-.25 [5.6-6.] W8C82-6PG-P-526 .25-.27 [6.4-6.9] W8C82-6PG-P-528 .26-.285 [6.6-7.2] **CUSTOMER PRINT** (4) #20 PIN CONTACTS, SOLDER MAT'L: GOLD PLATED COPPER ALLOY .108±.015 2.7±0.4 4 PLACES .940 1.033 1.063 .190 [26.2] [27] 23.9 [4.8]**KEY** POS 1 #16 -INDICATOR POS 1 #16 **INDICATOR** `o o 0 0 **Q BACKSHELL MATING FACE** MAT'L: UV PBT, BLACK CABLE GRIP **WIRING END** GROMMET MAT'L: POLYPROPYLENE, BLACK MAT'L: SANTOPRENE, BLACK .085±.015 CABLE-TO-CABLE CONNECTOR, MALE-MAT'L: UV PBT, BLACK W8C82-6PG-P-5XX 2.2±0.4 (2) #16 PIN CONTACTS, SOLDER MAT'L: GOLD PLATED COPPER ALLOY 2 PLACES 1.720 43.7 **CUSTOMER APPROVAL** THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION PROPRIETARY TO CONXALL CORPORATION. ANY REPRODUCTION,  $\emptyset$ .630 MA RELEASED PER PDR 16014-10 07-20-20 16 PNK 01-18-18 PDR16014 DISCLOSURE, OR USE OF THIS REV. INIT. DATE DESCRIPTION DOCUMENT /INFORMATION IS EXPRESSLY PROHIBITED UNLESS AUTHORIZED IN WRITING BY CONXALL CORPORATION. 01-18-18 PNK SCINEI(S CHECKED BY: **SHOWN ASSEMBLED** 601 E. WILDWOOD VILLA PARK, IL 60181 APPROVED BY: CABLE-TO-CABLE ASSEMBLY DATE: 2-16 + 4-20 PIN CONTACTS, SOLDER UNLESS OTHERWISE SPECIFIED
TOLERANCES:
3 PLACE DECIMALS ±.010
ANGLES ±1°
FRACTIONS ±1/16 INSTA-CLICK™ MINI-CON-X POWER/SIGNAL SCALE NTS SHEET 1 OF 1 USTOMER: STANDARD PRODUCT **Rohs Compliant** FILE: N8C82-6PG-P-5XX

DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS

= CRITICAL CHARACTERIS

PART NUMBER: W8C82-6PG-P-5XX