ASSEMBLY P/N NOTES: 1. ALL PARTS ARE BULK PACKED W8A82-8SG-P-513 CONTACTS ARE ASSEMBLED IN CONNECTOR WITH SOLDER CUPS FACING DIRECTLY OUTWARD W8A82-8SG-P-516 ALL DIMENSIONS ARE REFERENCE EXCEPT THOSE WITH A TOLERANCE W8A82-8SG-P-519 W8A82-8SG-P-522 W8A82-8SG-P-526 W8A82-8SG-P-528 **CUSTOMER PRINT** (6) #26 SOCKET CONTACTS, SOLDER MAT'L: GOLD PLATED COPPER ALLOY .150±.015 3.8±0.4 — 6 PLACES .940 1.033 1.063 .190 23.9 [26.2]27 4.8 BACKSHELL GROMMET MAT'L: UV PBT, BLACK .099±.015 **MATING FACE** MAT'L: SANTOPRENE, BLACK CABLE GRIP [2.5±0.4] -MAT'L: POLYPROPYLENE, BLACK CABLE-TO-CABLE CONNECTOR, FEMALE 2 PLACES MAT'L: UV PBT, BLACK W8A82-8SG-P-5XX -(2) #16 SOCKET CONTACTS, SOLDER MAT'L: GOLD PLATED COPPER ALLOY 1.720 43.7 \emptyset .630 [16] **CUSTOMER APPROVAL** THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION PROPRIETARY TO CONXALL CORPORATION. ANY REPRODUCTION, MA 07-20-20 PNK 01-18-18 PDR16014 **SHOWN ASSEMBLED** DISCLOSURE, OR USE OF THIS REV. INIT. FOR CUSTOMER REFERENCE ONLY

DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS

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Rohs Compliant

RELEASED PER PDR 16014-10 DATE DESCRIPTION 01-18-18 PNK =ONKGI CHECKED BY: 601 E. WILDWOOD VILLA PARK, IL 60181 ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS. CABLE-TO-CABLE ASSEMBLY 2-16 + 6-26 SOCKET 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 FILE: W8A82-8SG-P-5XX = CRITICAL CHARACTERIST PART NUMBER: W8A82-8SG-P-5XX

CONTACT QTY.

#16 #26

6

WIRING END

2

CABLE O.D.

RANGE

.13-.15 [3.3-3.8]

.16-.18 [4.1-4.6]

.19-.21 [4.8-5.3]

.22-.25 [5.6-6.3]

.25-.27 [6.4-6.9]

.26-.285 [6.6-7.2]