## **NOTES:** $\langle \overline{D} \rangle$ 1. FINISHED PRODUCT TO BE BOXED. GASKETS AND HEX NUTS MAY BE PACKAGED SEPARATELY. INSTALL CONTACTS INTO CONNECTOR AS SHOWN 3. ALL DIMENSIONS ARE REFERENCE EXCEPT THOSE WITH A TOLERANCE. SEE DRAWING HPMGSTD FOR HOLE PATTERN. .701 ±.015 1.438 ±.015 SQUARE [17.8mm] [36.5mm] .195 ±.010 -.050 ±.010 -1.135 ±.005 — [1.3mm] FLAT [4.9mm] .586 ±.010 [28.8mm] [14.9mm] **CUSTOMER PRINT** .142 ±.015 [3.6mm] $\bigoplus$ $\bigoplus$ $\phi^{.041}_{.038}$ PIN DIA. [1.0mm] o o 1.375±.015 0 Ø1.170±.005 1.188±.010 TYP. ACROSS FLAT [29.7mm] [30.2mm] [34.9mm] -(31) #20 PIN CONTACTS WITH P.C. TAIL MAL'T: GOLD PLATED COPPER ALLOY **--** .115 $\emptyset$ .130 [2.9mm] (4) HOLES **MATING FACE HEX NUT WIRE END** [3.3mm] .080 ±.010 [2.0mm] GASKET MAL'T: NYLON, BLACK PANEL RECEPTACLE — MAL'T: NYLON, BLACK MAL'T: RUBBER, BLACK -1 3/16-20UN 2A THREAD 1.142 ±.003 24281-31PG-300 $\emptyset$ .130 [29.0mm] [3.3mm] TYP. 4 PACKAGING WAS 50 PCS. PER BAG PER ECR 9586 05-12-21 SS PD 08-25-11 REVISED NOTE 1. PER ECR 7946 **CUSTOMER APPROVAL** $1.187 \pm .010$ $\emptyset$ 1.185 ±.003 THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION PROPRIETARY TO CONXALL CORPORATION. ANY REPRODUCTION, DISCLOSURE, OR USE OF THIS DOCUMENT /INFORMATION IS EXPRESSLY PROHIBITED UNLESS AUTHORIZED IN WRITING BY CONXALL CORPORATION. UPDATED PANEL CUTOUT DIM., 1.142 WAS 1.140 & 1.185 WAS 1.170, ADDED TOLERANCES AND MATERIAL. PER ECR 7636 [30.1mm] [30.1mm] ΑN 10-13-10 TYP. UPDATED DRAWING PER DOR #02-4021KZ RCS 02-26-02 CREATED CATALOG DWG LR 04-16-96 REV. INIT. DATE DESCRIPTION 04-16-96 SOINŁ APPROVED BY: 601 E. WILDWOOD VILLA PARK, IL 60181 ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS. DATE: PANEL CONNECTOR ASS'Y 31 #20 PC PIN CONTACTS **OPTIONAL** RECOMMENDED PANEL CUTOUT UNLESS OTHERWISE SPECIFIED TOLERANCES: 3 PLACE DECIMALS ±.010 ANGLES ±1° FRACTIONS ±1/16 (4X) MEGA-CON-X STANDARD PRODUCT SCALE SIZE NTS B SHEET 1 OF 1 PART NUMBER: 24281-31PG-300 = CRITICAL CHARACTERIS