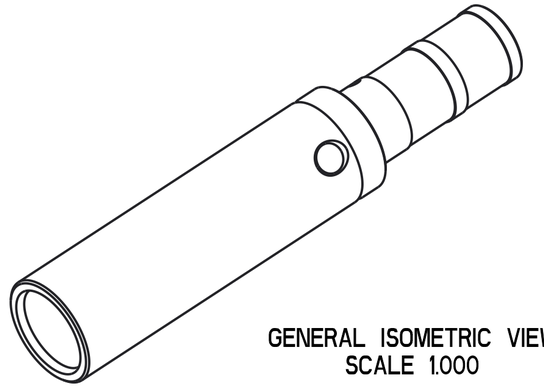
DOCUMENT NO.	SHEET	REV.
AP-XXX-C-SLD	SHEET 1 OF 1	A

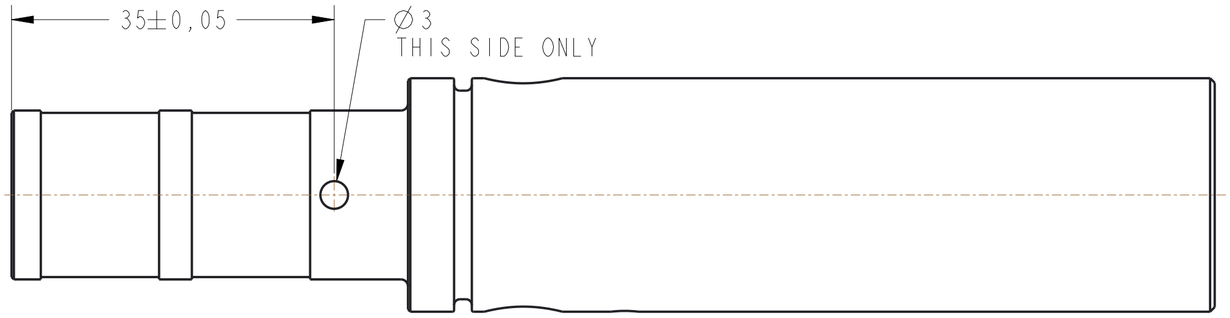
REVISIONS		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	03/18/2024

TABLE 1: AMPHE-PHASE CONTACT CRIMP DATA PER CABLE SIZES

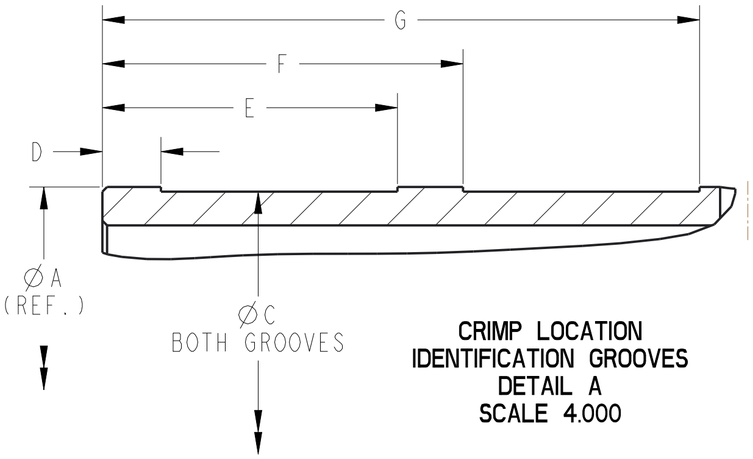
			BARREL DIMENSIONS [mm]		CRIMP IDENTIFICATION GROOVES [mm]				
AMPHENOL PART NUMBER	SIZE (awg) AWG kcmil	SIZE (awg) mm^2	∅A (CONTACT OD)	∅B ±0.1 (CRIMP ID)	∅C ±0.1 (CRIMP OD)	D	E	F	G
AP-4-C-SLD	4	25	9.80	6.60	9.30	3.80	12.20	15.20	23.60
AP-2-C-SLD	2	35	10.90	7.50	10.40	3.20	13.20	15.30	25.40
AP-1-C-SLD	1/0	55	13.70	9.90	13.20	3.20	14.60	17.20	28.70
AP-2-0-C-SLD	2/0	70	15.00	11.20	14.50	3.20	14.90	17.80	29.40
AP-4-0-C-SLD	4/0	120	18.30	14.20	17.80	3.10	16.00	19.50	32.30



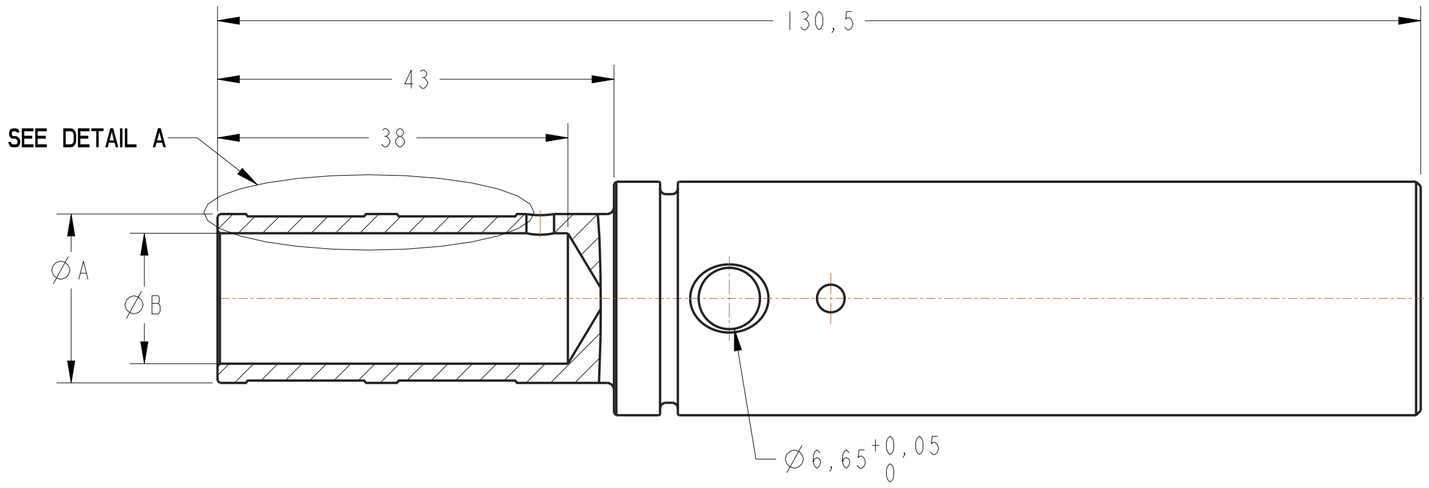
GENERAL ISOMETRIC VIEW
SCALE 1.000



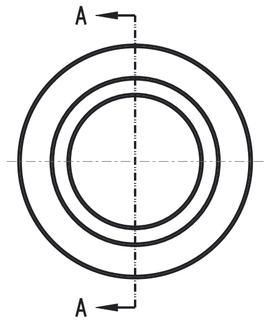
TOP VIEW



CRIMP LOCATION
IDENTIFICATION GROOVES
DETAIL A
SCALE 4.000



SECTION A-A
SCALE 2.000



NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED. HOWEVER, DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.

UNLESS OTHERWISE SPECIFIED
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES = ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 DIM.& TOL. PER ASME Y14.5M; DRM PER MIL-STD-31000; OTHER Amphenol Stds. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY

SPECIFICATIONS
MATERIAL SPEC.

PROCESS SPEC.

POS	QTY	PART NUMBER	DESCRIPTION	NOTE

PARTS LIST

APPROVALS	DATE
PREPARED BY PREPARER	Mar-18-24
ENGINEER IN CHARGE ENGINEER	
DESIGN MANAGER MANAGER	
DESIGN ACTIVITY GROUP GROUP	

THIRD ANGLE PROJECTION

AMPHENOL CORPORATION
40-60 DELAWARE AVENUE
SIDNEY, N.Y. 13838

TABLE DRAWING
COPPER, SOURCE CONTACT
AMPHE-PHASE

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	AP-XXX-C-SLD	A

SCALE: 1.0 REF: SHEET 1 OF 1

N/A
N/A
NEXT ASSEMBLY

PRO/ENGINEER INFORMATION
Pro/e Model Used:
AP-XXX-C-SLD_GEN_PART
Drawing Name:
AP-XXX-C-SLD

DOCUMENT NO.	SHEET	REV.
AP-XXX-C-SLD	SHEET 1 OF 1	A

FORMAT: C-U_E-Rev_B