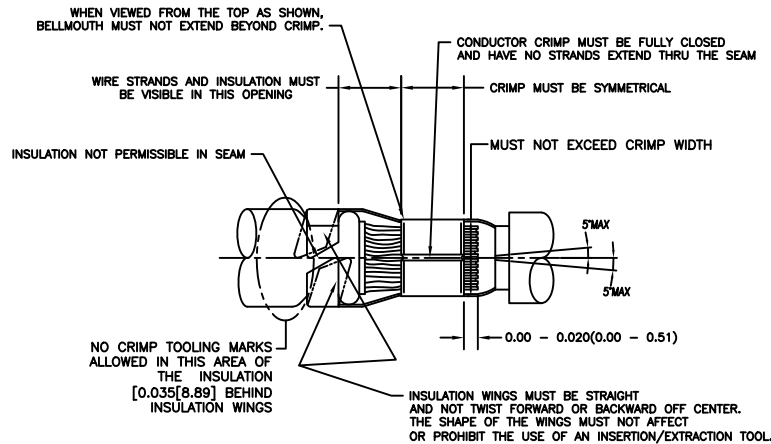


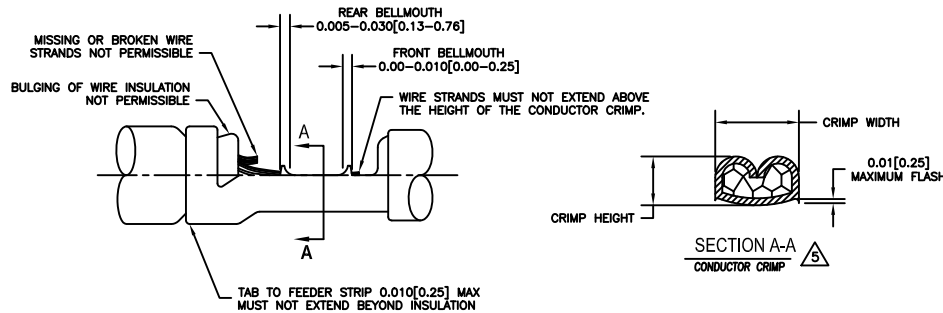
STAMPED CONTACT PART NUMBER 1060=PIN 1062=SOCKET	SIZE	CONDUCTOR WIRE SIZE	CRIMP HEIGHT	CRIMP WIDTH	CONDUCTOR PUNCH NUMBER	CONDUCTOR ANVIL NUMBER	CRIMP TENSILE REFERENCE LBS[N]
			$+0.001-0.002$ INCH $[+0.03-0.05$ mm]	± 0.003 INCH $[\pm 0.08$ mm]			
AT60-14-01xx AT62-14-01xx INSULATION RANGE 0.095-0.150[2.41-3.81]	16	14 AWG	0.055[1.40]	0.094[2.39]	AT17-002-0200	AT17-101-0200	25[111]
		2.00mm ²	0.055[1.40]	0.094[2.39]			
		1.50mm ²	0.053[1.35]	0.094[2.39]			
		16 AWG	0.050[1.27]	0.094[2.39]			
		1.00mm ²	0.050[1.27]	0.094[2.39]			
AT60-16-01xx AT62-16-01xx INSULATION RANGE 0.075-0.140[1.91-3.56]	16	14 AWG	0.055[1.40]	0.094[2.39]	AT17-002-0200	AT17-101-0200	25[111]
		2.00mm ²	0.055[1.40]	0.094[2.39]			
		1.50mm ²	0.053[1.35]	0.094[2.39]			
		16 AWG	0.050[1.27]	0.094[2.39]			
		1.00mm ²	0.050[1.27]	0.094[2.39]			
AT60-16-06xx AT62-16-06xx INSULATION RANGE 0.055-0.100[1.40-2.54]	16	18 AWG	0.049[1.24]	0.094[2.39]	AT17-003-0200	AT17-103-0200	25[111]
		0.75mm ²	0.048[1.22]	0.094[2.39]			
		16 AWG	0.050[1.27]	0.079[2.01]			
		1.00mm ²	0.050[1.27]	0.079[2.01]			
		20 AWG	0.048[1.22]	0.079[2.01]			
		0.50mm ²	0.045[1.14]	0.079[2.01]			15[67]

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	RELEASE NUMBER 016571	6/12/09	B.D.B.	M.R.F.



CROSS REFERENCE

SINE PART NUMBER	DEUTSCH PART NUMBER
MFX-3950	DCT16-02-00
AT17-002-0200	1017-002-0200
AT17-003-0200	1017-003-0200
AT17-101-0200	1017-101-0200
AT17-103-0200	1017-103-0200
AT17-210-0200	1017-210-0200
AT17-211-0200	1017-211-0200
AT17-213-0200	1017-213-0200
AT17-214-0200	1017-214-0200
AT17-217-0200	1017-217-0200
AT17-218-0200	1017-218-0200
AT17-310-0200	1017-310-0200
AT17-311-0200	1017-311-0200
AT17-313-0200	1017-313-0200
AT17-304-0200	1017-304-0200
AT17-317-0200	1017-317-0200
AT17-318-0200	1017-318-0200



INSULATION DIAMETER RANGE	INSULATION PUNCH NUMBER	INSULATION ANVIL NUMBER
0.120-0.150	[3.05-3.81]	AT17-210-0200
0.105-0.125	[2.67-3.18]	AT17-211-0200
0.085-0.111	[2.16-2.82]	AT17-213-0200
0.075-0.105	[1.91-2.67]	AT17-214-0200
0.063-0.094	[1.62-2.39]	AT17-217-0200
0.050-0.075	[1.27-1.91]	AT17-218-0200

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS ARE IN INCHES[mm].
- FORCES ARE IN POUNDS[LBS] AND NEWTONS[N].
- "XX"= PLATING SUFFIX. SEE INDIVIDUAL CONTACT DRAWING.
- WIRE STRIP LENGTH: 0.175±0.025[4.45±0.64]. BROKEN OR MISSING CONDUCTOR STRANDS ARE NOT ACCEPTABLE.
- USE A BLADE MICROMETER (0.100[2.54] MIN SPINDLE AND 0.060/0.010[1.50/0.040] ANVIL) TO MEASURE THE CONDUCTOR CRIMP. SEE SECTION A-A
- CRIMP TENSILE STRENGTH IS DETERMINED AT A PULL RATE SPEED OF 1.00 INCH[25.4] PER MINUTE. INSULATION WINGS ARE REMOVED FOR TEST. ACTUAL CRIMP TENSILE STRENGTH DEPENDS ON WIRE/CONDUCTOR SIZE. VALUES ON THIS SPECIFICATION ARE FOR REFERENCE ONLY.
- INSULATION DIAMETER RANGE IS DETERMINED BY CONNECTOR AND ITS WIRE SEAL SIZE. SEE CONNECTOR DRAWING FOR INSULATION RANGE.
- INSULATION CRIMP DIAMETER SHOULD BE THE EQUAL OR LESS THAN THE DIAMETER OF THE WIRE INSULATION (HARD OR TEFLON INSULATION MAY BE AN EXCEPTION). INSULATION CRIMP SHALL NOT AFFECT REMOVAL TOOL PERFORMANCE AND SHALL NOT DAMAGE CONNECTOR GROMMET SEAL.
- CONDUCTOR TYPE ARE PER SAEJ1128(AWG) AND ISO 6722(METRIC)
- FOR CONTACT MATERIAL AND PERFORMANCE DATA, SEE DRAWING S2-15217.
- REFER TO S2-15223 AND S2-15224 AND CROSS REFERENCE CHARTS FOR CRIMP TOOL DATA.

ALL REFERENCES TO DEUTSCH PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO DEUTSCH INDUSTRIAL PRODUCTS.

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
1) All dimensions are in inches.		DRAWN: POTER	4/7/09
2) Tolerances are as follows:		CHECKED: FORCE	6/8/09
1 PL DEC ±0.05 Fractions ±1/64		ENGINEER: BERNUM	
2 PL DEC ±0.01 Angles ±1°		APPROVAL: BERNUM	6/8/09
3 PL DEC ±0.005		CUSTOMER:	
4) Note Reference =			
MATERIAL SPECIFICATIONS:		N/A	
PROCESS SPECIFICATIONS:		THE USE OF THIS DOCUMENT IS UNLIMITED. DESIGN FEATURES, SPECIFICATIONS, AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF AMPHENOL CORP. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. DOCUMENTS REFERENCED HEREON MAY CONTAIN LIMITED RIGHTS DATA.	
NEXT ASSY:		SCALE: NONE	REVISION: A1

SINE Systems Corporation
 A Subsidiary of Amphenol Corporation
 44724 Morley Drive
 Clinton Township, MI 48036

CRIMP DATA, STAMPED CONTACTS FOR CRIMPER MFX-3950

SIZE: C 1GK44
 DWG NO: S2-15222
 SHEET 1 OF 1