

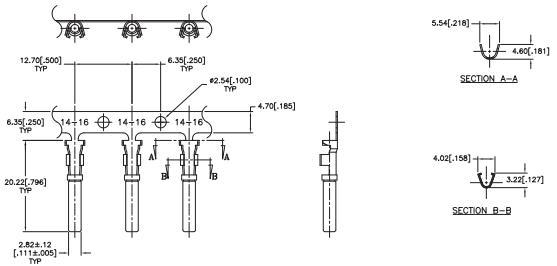
STAMPED AND FORMED CONTACTS, PG 1 of 2

Click on [blue underlined](#) part numbers to be taken to their spec sheets.

OPTIONS

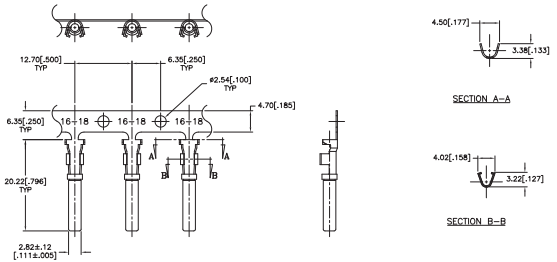
PART NUMBER: [AT62-14-01XX](#)
DESCRIPTION: CONTACT, SOCKET, STAMPED, SIZE 16

MATERIAL:
 CONTACT BODY: COPPER ALLOY
 HOOD: STAINLESS STEEL
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-00, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



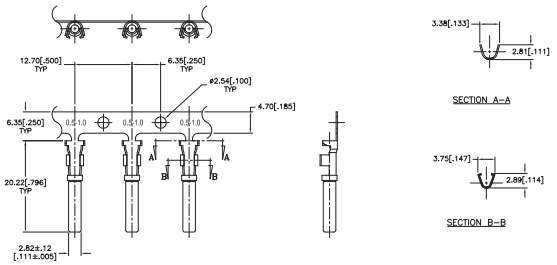
PART NUMBER: [AT62-16-01XX](#)
DESCRIPTION: CONTACT, SOCKET, STAMPED, SIZE 16

MATERIAL:
 CONTACT BODY: COPPER ALLOY
 HOOD: STAINLESS STEEL
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-00, ATT-16-01, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



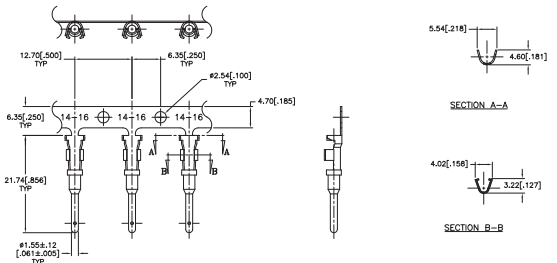
PART NUMBER: [AT62-16-06XX](#)
DESCRIPTION: CONTACT, SOCKET, STAMPED, SIZE 16

MATERIAL:
 CONTACT BODY: COPPER ALLOY
 HOOD: STAINLESS STEEL
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-01, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



PART NUMBER: [AT60-14-01XX](#)
DESCRIPTION: CONTACT, PIN, STAMPED, SIZE 16

MATERIAL: COPPER ALLOY
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-00, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)

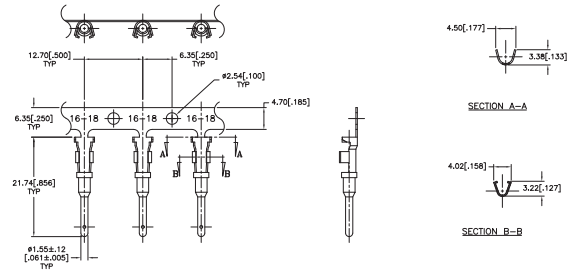


STAMPED AND FORMED CONTACTS, PG 2 of 2

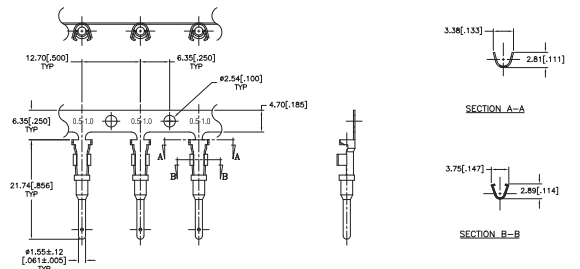
Click on [blue underlined part numbers](#) to be taken to their spec sheets.

OPTIONS

PART NUMBER: [AT60-16-01XX](#)
DESCRIPTION: CONTACT, PIN, STAMPED, SIZE 16
MATERIAL: COPPER ALLOY
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-00, ATT-16-01, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



PART NUMBER: [AT60-16-06XX](#)
DESCRIPTION: CONTACT, PIN, STAMPED, SIZE 16
MATERIAL: COPPER ALLOY
PLATING SUFFIX CODE:
 XX=22 NICKEL PLATING
 XX=44 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: ATT-16-01, MFX-3950 & MFX-3953
CRIMPER SPECIFICATIONS: S2-15223 & S2-15224
CRIMP INFORMATION DRAWING: S2-15221 & S2-15222
CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)



SOLID/MACHINED CONTACTS

Click on [blue underlined part numbers](#) to be taken to their spec sheets.

OPTIONS

MILITARY-STYLE

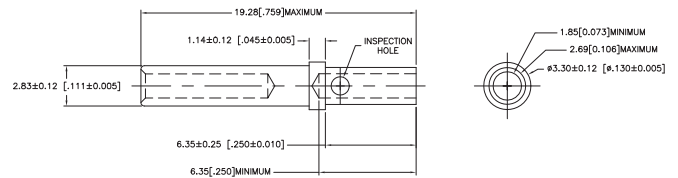
PART NUMBER: [AT60-202-16XX](#)
DESCRIPTION: CONTACT, PIN, SOLID MACHINED, SIZE 16
MATERIAL: COPPER ALLOY
PLATING SUFFIX CODE:
 XX=141 NICKEL PLATING
 XX=31 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218



PART NUMBER: [AT62-201-16XX](#)
DESCRIPTION: CONTACT, SOCKET, SOLID MACHINED, SIZE 16
MATERIAL:
 CONTACT BODY: COPPER ALLOY
 HOOD: STAINLESS STEEL
PLATING SUFFIX CODE:
 XX=141 NICKEL PLATING
 XX=31 GOLD PLATING
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218



PART NUMBER: [65-54942-14](#)
DESCRIPTION: CONTACT, SOCKET, ROCKSOLID, SIZE 16
AWG RANGE: 14AWG
MATERIAL: COPPER ALLOY
PLATING: GOLD
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218

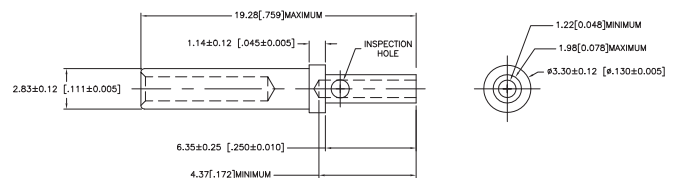


ROCKSOLID™ CONTACTS

PART NUMBER: [65-54942-16](#)
DESCRIPTION: CONTACT, SOCKET, ROCKSOLID, SIZE 16
AWG RANGE: 16AWG
MATERIAL: COPPER ALLOY
PLATING: GOLD
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218



PART NUMBER: [65-54942-20](#)
DESCRIPTION: CONTACT, SOCKET, ROCKSOLID, SIZE 16
AWG RANGE: 20AWG
MATERIAL: COPPER ALLOY
PLATING: GOLD
CONTACT GENERAL DATA SPECIFICATION: S2-15217
AVAILABLE CRIMPERS: CA-5D12 & CA-5E12
CRIMPER SPECIFICATIONS: S2-15219 & S2-15220
CRIMP INFORMATION DRAWING: S2-15218



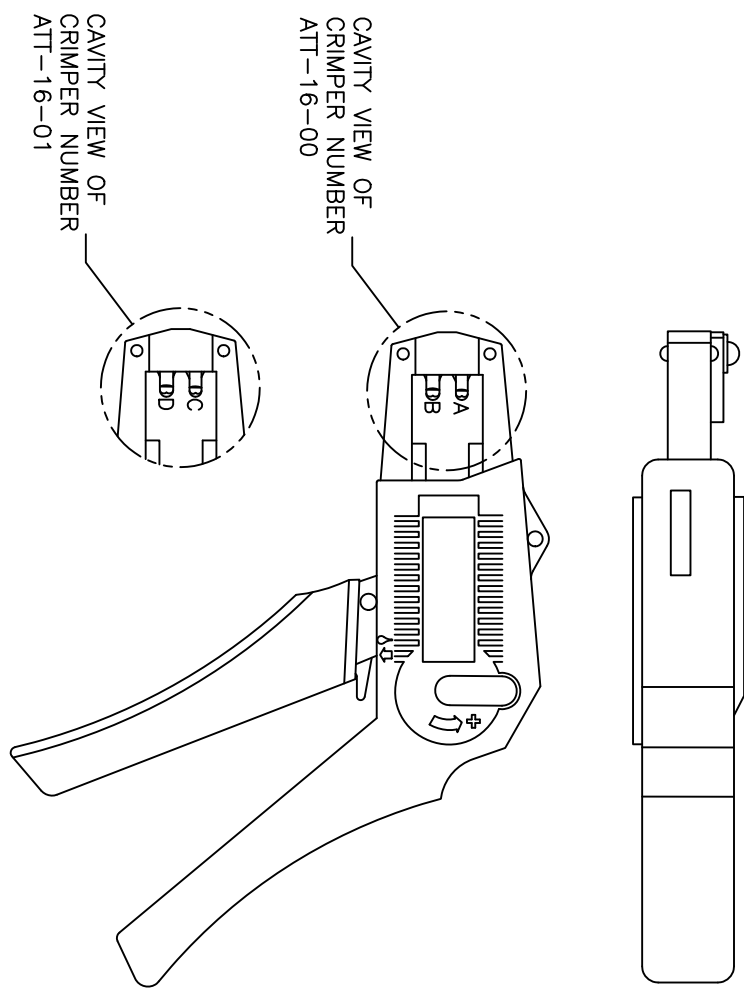
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NUMBER 016571	6/12/09	B.D.B.	M.R.F.

USE CRIMPER NUMBER:
ATT-16-00 WITH CAVITY A & B

CONTACT P/N:	INSULATION ϕ	CAVITY	WIRE SIZE
AT60-16-01**	.075 - .140	B	1.5mm ²
AT62-16-01**	[1.91 - 3.56]	A	16AWG
		A	1.0mm ²
AT60-14-01**	.095 - .150	B	14AWG
AT62-14-01**	[2.41 - 3.81]	B	2.0mm ²
		B	1.5mm ²
		A	1.5mm ²
		A	16AWG
		A	1.0mm ²
AT60-16-06**	.055 - .100	A	16AWG
AT62-16-06**	[1.40 - 2.54]	A	1.0mm ²

USE CRIMPER NUMBER:
ATT-16-01 WITH CAVITY C & D

CONTACT P/N:	INSULATION ϕ	CAVITY	WIRE SIZE
AT60-16-01**	.075 - .140	D	18AWG
AT62-16-01**	[1.91 - 3.56]	D	.75mm ²
AT60-16-06**	.055 - .100	D	18AWG
AT62-16-06**	[1.40 - 2.54]	D	.75mm ²
		C	.50mm ²



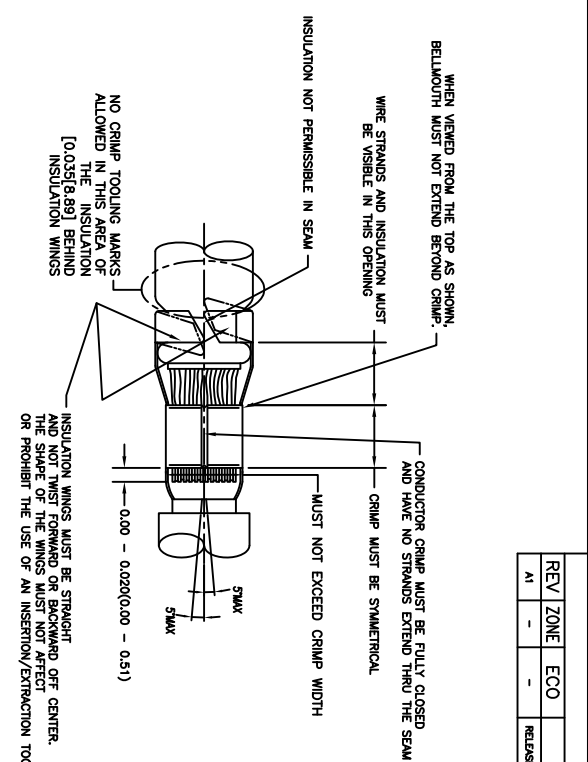
ALL REFERENCES TO DEUTSCH PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO DEUTSCH INDUSTRIAL PRODUCTS.

- NOTES (UNLESS OTHERWISE SPECIFIED):
- ALL DIMENSIONS IN INCHES [MILLIMETERS]
 - FOR PLATING CODES ** SEE CONTACT DATA DRAWINGS.
 - THIS TOOL IS FOR CRIMPING SIZE 16 CONTACTS ONLY TO WIRES LISTED IN THE CHARTS.
 - DEUTSCH IPD CROSS REFERENCE PART NUMBERS ARE DTT-16-00 AND DTT-16-01.

QUANTITY	PART NUMBER	DESCRIPTION	ITER#
		MATERIALS LIST	
SINE Systems Corporation A Subsidiary of Amphenol Corporation 44724 Morley Drive Clinton Township, MI 48036			
SIGNATURES DRAWN: BERNUW 6/8/09 CHECKED: FORCE 6/8/09 ENGINEER: BERNUW APPROVAL: BERNUW 6/8/09		PROCESS SPECIFICATIONS N/A THE USE OF THIS DOCUMENT IS UNLIMITED. DESIGN FEATURES, SPECIFIC DATA SHOWN HEREON ARE THE PROPERTY OF AMPHENOL CORP. ALL DIMENSIONS ARE TO UNLESS OTHERWISE SPECIFIED. DOCUMENTS REFERENCED HEREON MAY CONTAIN VARIATIONS.	
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in inches. 2) Tolerances are as follows: 3) Fin. DEC 3000 Taper .015" / 64 3) Fin. DEC 3000 Taper .015" / 64 4) Hole Reference = A		SIZE: FSC# N/DWG NO: B 16K44 S2-15223 SCALE: NONE S2-15223 SHEET 1 of 1	

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APP
A1	-	-	RELEASE NUMBER 016971	6/12/09	B.D.B.	M.F.F.

STAMPED CONTACT PART NUMBER 1068=PIN 1069=SOCKET	SIZE	CONDUCTOR WIRE SIZE	CRIMP HEIGHT	CRIMP WIDTH	CONDUCTOR PUNCH NUMBER	CONDUCTOR ANVIL NUMBER	CRIMP TENSILE REFERENCE
A780-14-011x A782-14-011x INSULATION RANGE 0.099-0.150(2.41-3.81)	16	14 AWG 2.00mm ² 1.50mm ² 16 AWG 1.00mm ² 18 AWG 0.75mm ²	0.0591(1.40) 0.0591(1.40) 0.0591(1.39) 0.0591(1.27) 0.0491(1.24) 0.0491(1.22)	0.0942(2.39) 0.0942(2.39) 0.0942(2.39) 0.0942(2.39) 0.0942(2.39) 0.0942(2.39)	AT17-002-0200	AT17-101-0200	29(111)
A780-16-011x A782-16-011x INSULATION RANGE 0.075-0.140(1.91-3.56)	16	16 AWG 1.00mm ² 18 AWG 0.75mm ²	0.0591(1.27) 0.0591(1.27) 0.0491(1.24) 0.0491(1.22)	0.0942(2.39) 0.0942(2.39) 0.0942(2.39) 0.0942(2.39)	AT17-002-0200	AT17-101-0200	29(111)
A780-16-066x A782-16-066x INSULATION RANGE 0.059-0.100(1.49-2.54)	16	16 AWG 1.00mm ² 18 AWG 0.75mm ² 20 AWG 0.50mm ²	0.0591(1.27) 0.0591(1.27) 0.0491(1.24) 0.0491(1.22) 0.0491(1.14)	0.0792(2.01) 0.0792(2.01) 0.0942(2.39) 0.0942(2.39) 0.0792(2.01)	AT17-003-0200	AT17-103-0200	29(111) 15(97)



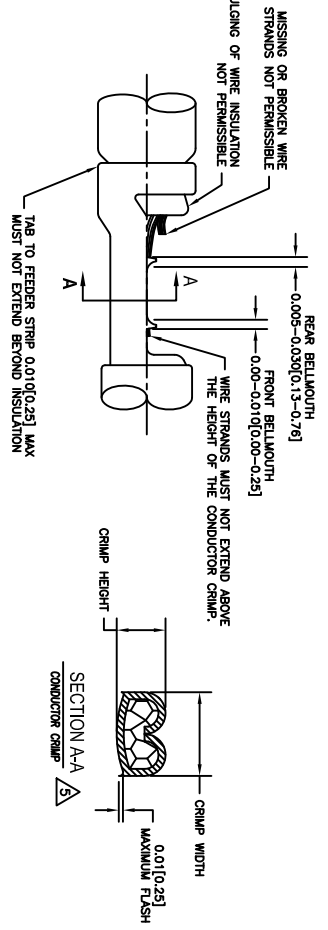
CROSS REFERENCE

SINE PART NUMBER	DEUTSCH PART NUMBER
MFX-3950	DC116-02-00
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	AT17-310-0200
0.105-0.125 [2.67-3.18]	AT17-211-0200	AT17-311-0200
0.085-0.111 [2.16-2.82]	AT17-213-0200	AT17-313-0200
0.075-0.105 [1.91-2.67]	AT17-214-0200	AT17-304-0200
0.063-0.094 [1.62-2.39]	AT17-217-0200	AT17-317-0200
0.050-0.075 [1.27-1.91]	AT17-218-0200	AT17-318-0200

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS ARE IN INCHES(mm).
2. FORCES ARE IN POUNDS(LBS) AND NEWTONS(N).
3. "X"= PLATING SUFFIX. SEE INDIVIDUAL CONTACT DRAWING.
4. WIRE STRIP LENGTH: 0.175±0.029(4.45±0.74). BROKEN OR MISSING CONDUCTOR STRANDS ARE NOT ACCEPTABLE.
5. USE A BLADE MICROMETER (0.100(2.54) MIN SPACING AND 0.060(0.010)(1.50(0.040) ANVIL) TO MEASURE THE CONDUCTOR CRIMP. SEE SECTION AA.
6. 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.
7. INSULATION DIAMETER RANGE IS DETERMINED BY CONNECTOR AND ITS WIRE SEAL SIZE. SEE CONNECTOR DRAWING FOR INSULATION RANGE.
8. INSULATION CRIMP DIAMETER SHOULD BE THE EQUAL OR LESS THAN THE DIAMETER OF THE WIRE INSULATION (HARD OR TEFION INSULATION MAY BE AN EXCEPTION). INSULATION CRIMP SHALL NOT AFFECT REMOVAL TOOL PERFORMANCE AND SHALL NOT DAMAGE CONNECTOR BROWNIE SEAL.
9. CONDUCTOR TYPE ARE PER SAE J1128(AWG) AND ISO 6722(METRIC)
10. FOR CONTACT MATERIAL AND PERFORMANCE DATA, SEE DRAWING SZ-15217.
11. REFER TO SZ-15223 AND SZ-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	MATERIALS LIST	DESCRIPTION	ITEM
UNLESS OTHERWISE SPECIFIED				
1) All dimensions are in inches.				
2) Plating is standard unless otherwise specified.				
3) Plating is standard unless otherwise specified.				
4) Plating is standard unless otherwise specified.				
5) Production Standards Per: <input type="checkbox"/> MIL-STD-20020 <input type="checkbox"/> MIL-STD-20020				
APPROVAL SIGNATURES				
DESIGNED BY: BERNIE	DATE: 6/8/09			
CHECKED BY: BERNIE	DATE: 6/8/09			
APPROVED BY: BERNIE	DATE: 6/8/09			
CUSTOMER: VA				
PROCESS SPECIFICATIONS				
THE USE OF THIS DRAWING IS LIMITED TO THE SPECIFICATIONS AND PERFORMANCE DATA OF THE PARTS IDENTIFIED HEREIN. ALL DIMENSIONS ARE SUBJECT TO REMOVAL OF EXCESS MATERIAL. DOCUMENTS REFERENCED HEREIN MAY CONTAIN UNITED STATES PATENT RIGHTS DATA.				
CRIMP DATA, STAMPED CONTACTS FOR CRIMPER MFX-3950		SIZE (PUNCH NUMBER) S2-15222		
SCALE: NONE		SCALE: NONE		
REV: A1		REV: A1		
DWG NO: S2-15222		DWG NO: S2-15222		
SHEET: 1		SHEET: 1		

REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APP
A1	-	-	RELEASE NUMBER 016971	6/12/09	B.D.B.	M.F.F.

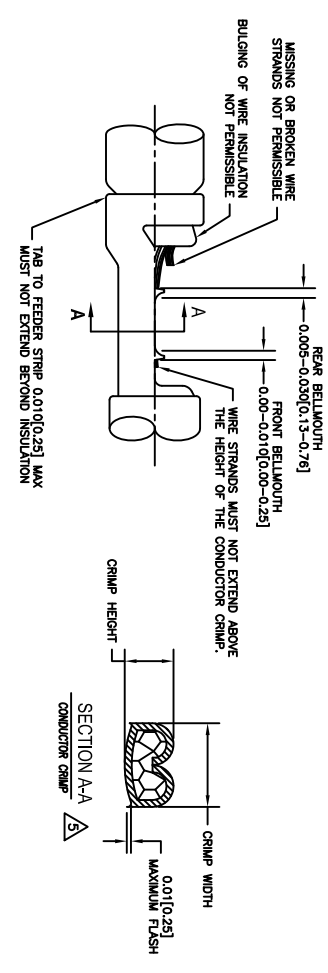
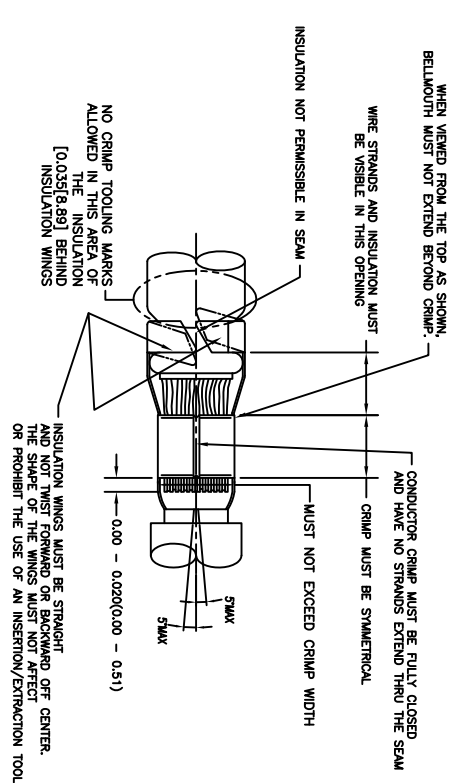
STAMPED CONTACT PART NUMBER (1009=PIN 1009=SOCKET)	SIZE	CONDUCTOR WIRE SIZE	CRIMP HEIGHT +0.001/-0.002 INCH (+0.025/-0.05 mm)	CRIMP WIDTH ±0.003 INCH (±0.08 mm)	CONDUCTOR PUNCH NUMBER	CONDUCTOR ANVIL NUMBER	CRIMP TENSILE REFERENCE (LBS/IN)
A160-14-011x A162-14-011x INSULATION RANGE 0.095-0.150(2.41-3.81)	16	14 AWG 2.00mm ² 1.50mm ² 16 AWG 1.00mm ² 18 AWG 0.75mm ²	0.0591(1.40) 0.0551(1.40) 0.0531(1.39) 0.0501(1.27) 0.0491(1.24) 0.0481(1.22)	0.094(2.39) 0.094(2.39) 0.094(2.39) 0.094(2.39) 0.094(2.39) 0.094(2.39)		A117-4083-0200 A117-183-0200	29(111)
A160-16-011x A162-16-011x INSULATION RANGE 0.075-0.140(1.91-3.59)	16	16 AWG 1.50mm ² 1.00mm ² 18 AWG 0.75mm ²	0.0591(1.40) 0.0551(1.40) 0.0531(1.39) 0.0501(1.27) 0.0491(1.24) 0.0481(1.22)	0.094(2.39) 0.094(2.39) 0.094(2.39) 0.094(2.39) 0.094(2.39) 0.094(2.39)		A117-4083-0200 A117-183-0200	29(111)
A160-16-061x A162-16-061x INSULATION RANGE 0.055-0.100(1.40-2.54)	16	16 AWG 1.00mm ² 0.75mm ² 20 AWG 0.50mm ²	0.0591(1.40) 0.0591(1.40) 0.0491(1.24) 0.0481(1.22) 0.0461(1.14)	0.094(2.39) 0.094(2.39) 0.094(2.39) 0.094(2.39) 0.094(2.39)		A117-4083-0200 A117-183-0200	29(111) 19(67)

CROSS REFERENCE

INSULATION DIAMETER RANGE	INSULATION PUNCH NUMBER	INSULATION ANVIL NUMBER	SINE PART NUMBER	DEUTSCH PART NUMBER
0.120-0.150 [3.05-3.81]	A117-229-0200	A117-326-0200	MPX-3953	DCT1620-02-00
0.105-0.125 [2.67-3.18]	A117-229-0200	A117-326-0200	A117-083-0200	1017-083-0200
0.085-0.111 [2.16-2.82]	A117-229-0200	A117-327-0200	A117-082-0200	1017-082-0200
0.075-0.105 [1.91-2.67]	A117-229-0200	A117-328-0200	A117-183-0200	1017-183-0200
0.063-0.094 [1.62-2.39]	A117-229-0200	A117-328-0200	A117-182-0200	1017-182-0200
0.050-0.075 [1.27-1.91]	A117-230-0200	A117-330-0200	A117-225-0200	1017-225-0200
			A117-226-0200	1017-226-0200
			A117-227-0200	1017-227-0200
			A117-228-0200	1017-228-0200
			A117-229-0200	1017-229-0200
			A117-230-0200	1017-230-0200
			A117-325-0200	1017-325-0200
			A117-326-0200	1017-326-0200
			A117-327-0200	1017-327-0200
			A117-328-0200	1017-328-0200
			A117-329-0200	1017-329-0200
			A117-330-0200	1017-330-0200

NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS ARE IN INCHES(mm).
2. FORCES ARE IN POUNDS(LBS) AND NEWTONS(N).
3. "X"= PLATING SUFFIX. SEE INDIVIDUAL CONTACT DRAWING.
4. WIRE STRIP LENGTH: 0.175±0.029(4.43±0.74). BROKEN OR MISSING CONDUCTOR STRANDS ARE NOT ACCEPTABLE.
5. 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 AA.
6. CRIMP TENSILE STRENGTH IS DETERMINED AT A PULL RATE SPEED OF 1.00 INCH(2.54) 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.
7. INSULATION DIAMETER RANGE IS DETERMINED BY CONNECTOR AND ITS WIRE SEAL SIZE. SEE CONNECTOR DRAWING FOR INSULATION RANGE.
8. 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.
9. CONDUCTOR TYPE ARE PER SAE J128(AWG) AND ISO 6722(METRIC)
10. FOR CONTACT MATERIAL AND PERFORMANCE DATA, SEE DRAWING S2-15217.
11. REFER TO S2-15223 AND S2-15224 AND CROSS REFERENCE CHARTS FOR CRIMP TOOL DATA.

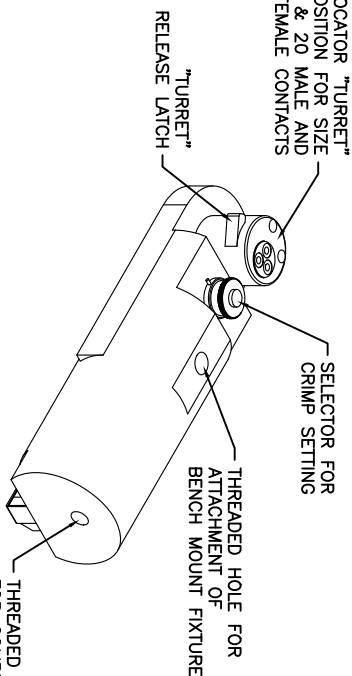
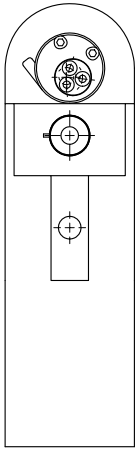


ALL REFERENCES TO DEUTSCH PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO DEUTSCH INDUSTRIAL PRODUCTS.

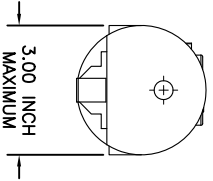
QUANTITY	PART NUMBER	MATERIALS LIST	DESCRIPTION	ITEM
UNLESS OTHERWISE SPECIFIED				
1) All dimensions are in inches.	SIGNATURES	DATE		
2) 1 Pt. DEC 50.00 1 Ampere 3 1/4"	DATE	4/7/09		
3) Reduction Standard Per: Alpha 3 1/4"	ORDERED	6/8/09		
4) Part: S2-20020	ENGINEER	BERNIM		
MATERIAL SPECIFICATIONS:	APPROVAL	BERNIM	6/8/09	
NA	CUSTOMER			
PROCESS SPECIFICATIONS:	THE USE OF THIS DRAWING IS SPECIFIC TO THE PART AND PERFORMANCE SPECIFICATIONS AND PERFORMANCE DATA ARE SUBJECT TO REMOVAL. DOCUMENTS REFERENCED HEREON MAY CONTAIN REVISION DATA.			
NEXT ASSY:	SIZE	SCALE	REV	REVISION
	10K44	NONE	S2-15221	A1
			SHEET 1 OF 1	

REVOLUTIONS		DESCRIPTION	DATE	BY	APPR
REV	ZONE	ECO	RELEASE NUMBER 016571	B.D.B.	M.R.F.
1	-	-	6/12/09		

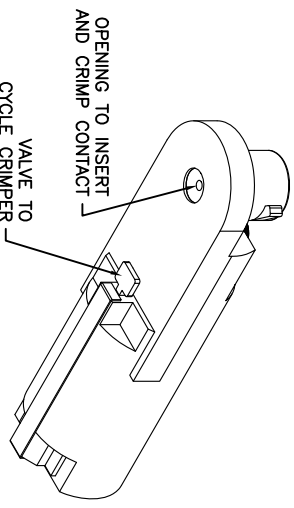
CONTACT LOCATOR "TURRET"
THREE POSITION FOR SIZE
12, 16 & 20 MALE AND
FEMALE CONTACTS



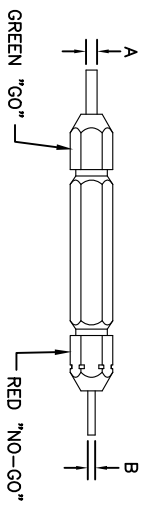
THREADED OPENING
FOR COMPRESSED
AIR FITTING



- NOTES:
1. THE CA-5E12 IS A COMPRESSED AIR OPERATED HAND CRIMPER FOR ELECTRICAL CONTACTS. IT IS ADJUSTABLE TO 3 CONTACT SIZES (12, 16 & 20) AND 8 INDENTER CRIMP POSITIONS FOR DIFFERENT WIRE SIZES (12AWG THRU 26 AWG).
 2. 80-120 PSI COMPRESSED AIR.
 3. WEIGHT: 3.1 LBS
 4. SELECTING CONTACT SIZE: PRESS THE RELEASE LATCH ON SIDE OF THE CONTACT LOCATOR "TURRET". ROTATE TO THE DESIRED CONTACT SIZE. THE TOP OF THE "TURRET" IS EMBOSSED WITH THE CONTACT SIZES.
 5. SELECTING WIRE SIZE: GRASP THE SELECTOR AND ROTATE TO THE DESIRED NUMBER.



GAGE PART NO.	A GO DIA.	B NO-GO DIA.	SELECTOR NUMBER
G125	.0390	.0440	4

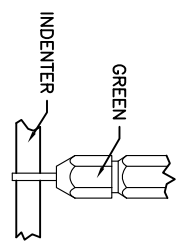


GAGING INSTRUCTIONS

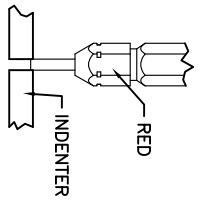
CAUTION!
DO NOT CRIMP GAGE!

"GO" GAGING: OPERATE TOOL TO FULLY CLOSED POSITION. INSERT "GO" GAGE END AS SHOWN. GAGE MUST PASS FREELY BETWEEN INDENTER TIPS.

"NO-GO" GAGING: OPERATE TOOL TO FULLY CLOSED POSITION. INSERT "NO-GO" GAGE END AS SHOWN. THE "NO-GO" MAY PARTIALLY ENTER THE INDENTER OPENING, BUT MUST NOT PASS COMPLETELY THROUGH THE OPENING.



SELECTOR NUMBER	A GO DIA.	B NO-GO DIA.
1	.0280	.0330
2	.0320	.0370
3	.0360	.0410
4	.0390	.0440
5	.0450	.0500
6	.0520	.0570
7	.0590	.0640
8	.0680	.0730



CONTACT SIZE	LOCATOR "TURRET" POSITION	WIRE COLOR	SELECTOR NUMBER
20-20	RED	1	2
16-22	BLUE	4	5
16-20	BLUE	1	2
16-16	BLUE	4	5
12-16	YELLOW	4	5
12-12	YELLOW		7
			8

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
		MATERIALS LIST	

SINE Systems Corporation
A Subsidiary of Amphenol Corporation
44724 Mowley Drive
Carlton Township, MI 48036

INSTRUCTIONS FOR CA-5E12 CRIMPER, PNEUMATIC

SIZE: 10K44
SCALE: NONE
S2-15220
SHEET 1 OF 1

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

CONTACT LOCATOR
"TURRET"
THREE POSITIONS FOR
SIZE 12, 16 & 20 MALE
AND FEMALE CONTACTS

"TURRET" RELEASE LATCH

6.25 INCH
MAXIMUM
OPEN

2.30 INCH
MAXIMUM
CLOSED

SELECTOR FOR CRIMP
SETTING

1.125 INCH MAX.

9.75 INCH MAXIMUM

1.00 INCH MAX.

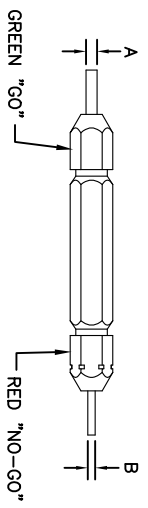
- NOTES:
- THE CA-5D12 IS A HAND OPERATED CRIMPER FOR ELECTRICAL CONTACTS. IT IS ADJUSTABLE TO 3 CONTACT SIZES (12, 16 & 20) AND 8 INDENTER CRIMP POSITIONS FOR DIFFERENT WIRE SIZES (12AWG THRU 26 AWG).
 - WEIGHT: 1.64 LBS
 - SELECTING CONTACT SIZE: PRESS THE RELEASE LATCH ON SIDE OF THE CONTACT LOCATOR "TURRET". ROTATE TO THE DESIRED CONTACT SIZE. THE TOP OF THE "TURRET" IS EMBOSSED WITH THE CONTACT SIZES.
 - SELECTING WIRE SIZE: REMOVE THE LOCKING CLIP. GRASP THE SELECTOR AND ROTATE TO THE DESIRED NUMBER.

CONTACT SIZE	LOCATOR "TURRET" POSITION COLOR	SELECTOR NUMBER								
		1	2	3	4	5	6	7	8	
20-20	RED	1	2	3	4					
16-22	BLUE	4	5	6						
16-20	BLUE	1	2	3	4					
16-16	BLUE				4	5	6			
12-16	YELLOW				4	5	6			
12-12	YELLOW						7	8		

GAGING INSTRUCTIONS

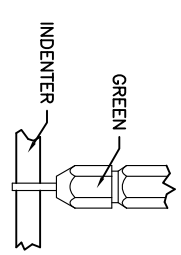
CAUTION!
DO NOT CRIMP GAGE!

GAGE PART NO.	A GO DIA.	B NO-GO DIA.	SELECTOR NUMBER
G125	.0390	.0440	4

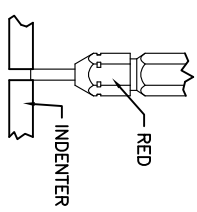


"GO" GAGING: OPERATE TOOL TO FULLY CLOSED POSITION. INSERT "GO" GAGE END AS SHOWN. GAGE MUST PASS FREELY BETWEEN INDENTER TIPS.

"NO-GO" GAGING: OPERATE TOOL TO FULLY CLOSED POSITION. INSERT "NO-GO" GAGE END AS SHOWN. THE "NO-GO" MAY PARTIALLY ENTER THE INDENTER OPENING, BUT MUST NOT PASS COMPLETELY THROUGH THE OPENING.



SELECTOR NUMBER	A $\pm .0001$ GO DIA.	B $\pm .0001$ NO-GO DIA.
1	.0280	.0330
2	.0320	.0370
3	.0360	.0410
4	.0390	.0440
5	.0450	.0500
6	.0520	.0570
7	.0590	.0640
8	.0680	.0730



MATERIALS LIST

SINE Systems Corporation
A Subsidiary of Amphenol Corporation
44724 Moley Drive
Canton Township, MI 48036

INSTRUCTIONS FOR CA-5D12
CRIMPER, HAND, MACHINED CONTACTS

QUANTITY	UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
	1) All dimensions are in inches.	DESIGN: BERNIM	6/3/09
	2) Pl. DEC 2010	CHECKED: RONCE	6/3/09
	3) Pl. DEC 2010	ENGINEER: BERNIM	
	4) Pl. DEC 2010	APPROVAL: BERNIM	6/3/09
	5) Pl. DEC 2010	CUSTOMER:	
	6) Pl. DEC 2010		
	7) Pl. DEC 2010		
	8) Pl. DEC 2010		
	9) Pl. DEC 2010		
	10) Pl. DEC 2010		
	11) Pl. DEC 2010		
	12) Pl. DEC 2010		
	13) Pl. DEC 2010		
	14) Pl. DEC 2010		
	15) Pl. DEC 2010		
	16) Pl. DEC 2010		
	17) Pl. DEC 2010		
	18) Pl. DEC 2010		
	19) Pl. DEC 2010		
	20) Pl. DEC 2010		
	21) Pl. DEC 2010		
	22) Pl. DEC 2010		
	23) Pl. DEC 2010		
	24) Pl. DEC 2010		
	25) Pl. DEC 2010		
	26) Pl. DEC 2010		
	27) Pl. DEC 2010		
	28) Pl. DEC 2010		
	29) Pl. DEC 2010		
	30) Pl. DEC 2010		
	31) Pl. DEC 2010		
	32) Pl. DEC 2010		
	33) Pl. DEC 2010		
	34) Pl. DEC 2010		
	35) Pl. DEC 2010		
	36) Pl. DEC 2010		
	37) Pl. DEC 2010		
	38) Pl. DEC 2010		
	39) Pl. DEC 2010		
	40) Pl. DEC 2010		
	41) Pl. DEC 2010		
	42) Pl. DEC 2010		
	43) Pl. DEC 2010		
	44) Pl. DEC 2010		
	45) Pl. DEC 2010		
	46) Pl. DEC 2010		
	47) Pl. DEC 2010		
	48) Pl. DEC 2010		
	49) Pl. DEC 2010		
	50) Pl. DEC 2010		
	51) Pl. DEC 2010		
	52) Pl. DEC 2010		
	53) Pl. DEC 2010		
	54) Pl. DEC 2010		
	55) Pl. DEC 2010		
	56) Pl. DEC 2010		
	57) Pl. DEC 2010		
	58) Pl. DEC 2010		
	59) Pl. DEC 2010		
	60) Pl. DEC 2010		
	61) Pl. DEC 2010		
	62) Pl. DEC 2010		
	63) Pl. DEC 2010		
	64) Pl. DEC 2010		
	65) Pl. DEC 2010		
	66) Pl. DEC 2010		
	67) Pl. DEC 2010		
	68) Pl. DEC 2010		
	69) Pl. DEC 2010		
	70) Pl. DEC 2010		
	71) Pl. DEC 2010		
	72) Pl. DEC 2010		
	73) Pl. DEC 2010		
	74) Pl. DEC 2010		
	75) Pl. DEC 2010		
	76) Pl. DEC 2010		
	77) Pl. DEC 2010		
	78) Pl. DEC 2010		
	79) Pl. DEC 2010		
	80) Pl. DEC 2010		
	81) Pl. DEC 2010		
	82) Pl. DEC 2010		
	83) Pl. DEC 2010		
	84) Pl. DEC 2010		
	85) Pl. DEC 2010		
	86) Pl. DEC 2010		
	87) Pl. DEC 2010		
	88) Pl. DEC 2010		
	89) Pl. DEC 2010		
	90) Pl. DEC 2010		
	91) Pl. DEC 2010		
	92) Pl. DEC 2010		
	93) Pl. DEC 2010		
	94) Pl. DEC 2010		
	95) Pl. DEC 2010		
	96) Pl. DEC 2010		
	97) Pl. DEC 2010		
	98) Pl. DEC 2010		
	99) Pl. DEC 2010		
	100) Pl. DEC 2010		

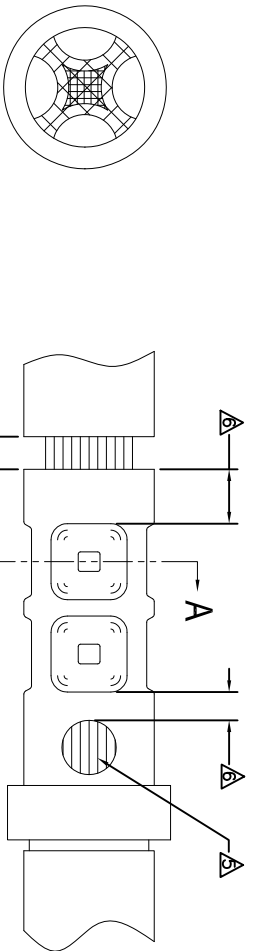
REVOLUTIONS		DESCRIPTION	DATE	BY	APPR
REV	ZONE	ECO	RELEASE NUMBER 016571	B.D.B.	M.R.F.
A1	-	-	6/12/09		

CONTACT P/N	SIZE TYPE	WIRE SIZE	REF. ONLY TENSILE LBS[N]
AT60-202-16XX	16PIN	1.5mm ² 16AWG	35[156]
AT62-201-16XX	16SOC	1.0mm ² 18AWG 0.75mm ² 20AWG	25[111]
		0.50mm ²	20[89]

RECOMMENDED STRIP LENGTH	
CONTACT SIZE	STRIP LENGTH INCH[MM]
16	0.250-0.312[6.35-7.92]

CRIMP TOOLING						
CONTACT SIZE	CRIMP TOOL PART NUMBER	CONTACT LOCATOR "TURRET" POSITION	WIRE SELECTOR NUMBER	GO GAGE INCH[MM]	"NOGO" GAGE INCH[MM]	REMARKS
16	CA-5D12 CA-5E12	BLUE	6	0.052[1.32]	0.057[1.45]	
16	CA-5D12 CA-5E12	BLUE	4	0.039[.991]	0.044[1.12]	SIZE 16 WITH 20 AWG WIRE

- NOTES: UNLESS OTHERWISE SPECIFIED
- 1. MINIMUM +/-0.0005 [0.013] TOLERANCE STEEL GAGE PINS. DO NOT CRIMP GAGE PINS. CLOSE DIE, THEN USE GAGE PINS.
 - 2. WHEN XX=31, CONTACT PLATING IS GOLD.
 - 3. WHEN XX=141, CONTACT PLATING IS NICKEL.
 - 4. PULL RATE OF 1.0 IN [25.4] PER MINUTE. ACTUAL STRENGTH DEPENDS ON WIRE SIZE.
 - 5. FOR CONTACT PERFORMANCE, MATERIAL SPECIFICATIONS AND APPLICATION DETAILS, SEE DRAWING S2-15217.
 - 6. CONDUCTOR STRANDS MUST BE VISIBLE THRU THE INSPECTION HOLE PRIOR TO CRIMP.
 - 7. PROPER CRIMP TOOLING WILL PRODUCE A CRIMP CENTERED BETWEEN THE INSPECTION HOLE AND CRIMP BARREL END.
 - 8. WIRE SIZES PER SAE J1128 AND J1560 [DIN 72551-6] REFERENCE INSTRUCTION MANUALS S2-15219 AND S2-15220 FOR CA-5D12 AND CA-5E12 HAND AND PNEUMATIC CRIMPER.
 - 9. THE CRIMP HEIGHT DIMENSION AFTER CRIMPING MAY VARY FROM THE VALUES LISTED FOR THE "GO-NOGO" PINS.



SECTION A-A
CRIMP CROSS-SECTION

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
	MATERIALS LIST		
	SIGNATURES	DATE	
	DESIGNER: BERNUIM	6/3/09	
	CHECKER: RONE	6/3/09	
	ENGINEER: BERNUIM		
	APPROVAL: BERNUIM	6/3/09	
	CUSTOMER: M/A		
	UNLESS OTHERWISE SPECIFIED		
	1) All dimensions are in inches.		
	2) Plating thickness is as specified.		
	3) Plating thickness is as specified.		
	4) Plating thickness is as specified.		
	5) Plating thickness is as specified.		
	6) Plating thickness is as specified.		
	7) Plating thickness is as specified.		
	8) Plating thickness is as specified.		
	9) Plating thickness is as specified.		
	10) Plating thickness is as specified.		
	11) Plating thickness is as specified.		
	12) Plating thickness is as specified.		
	13) Plating thickness is as specified.		
	14) Plating thickness is as specified.		
	15) Plating thickness is as specified.		
	16) Plating thickness is as specified.		
	17) Plating thickness is as specified.		
	18) Plating thickness is as specified.		
	19) Plating thickness is as specified.		
	20) Plating thickness is as specified.		
	21) Plating thickness is as specified.		
	22) Plating thickness is as specified.		
	23) Plating thickness is as specified.		
	24) Plating thickness is as specified.		
	25) Plating thickness is as specified.		
	26) Plating thickness is as specified.		
	27) Plating thickness is as specified.		
	28) Plating thickness is as specified.		
	29) Plating thickness is as specified.		
	30) Plating thickness is as specified.		
	31) Plating thickness is as specified.		
	32) Plating thickness is as specified.		
	33) Plating thickness is as specified.		
	34) Plating thickness is as specified.		
	35) Plating thickness is as specified.		
	36) Plating thickness is as specified.		
	37) Plating thickness is as specified.		
	38) Plating thickness is as specified.		
	39) Plating thickness is as specified.		
	40) Plating thickness is as specified.		
	41) Plating thickness is as specified.		
	42) Plating thickness is as specified.		
	43) Plating thickness is as specified.		
	44) Plating thickness is as specified.		
	45) Plating thickness is as specified.		
	46) Plating thickness is as specified.		
	47) Plating thickness is as specified.		
	48) Plating thickness is as specified.		
	49) Plating thickness is as specified.		
	50) Plating thickness is as specified.		
	51) Plating thickness is as specified.		
	52) Plating thickness is as specified.		
	53) Plating thickness is as specified.		
	54) Plating thickness is as specified.		
	55) Plating thickness is as specified.		
	56) Plating thickness is as specified.		
	57) Plating thickness is as specified.		
	58) Plating thickness is as specified.		
	59) Plating thickness is as specified.		
	60) Plating thickness is as specified.		
	61) Plating thickness is as specified.		
	62) Plating thickness is as specified.		
	63) Plating thickness is as specified.		
	64) Plating thickness is as specified.		
	65) Plating thickness is as specified.		
	66) Plating thickness is as specified.		
	67) Plating thickness is as specified.		
	68) Plating thickness is as specified.		
	69) Plating thickness is as specified.		
	70) Plating thickness is as specified.		
	71) Plating thickness is as specified.		
	72) Plating thickness is as specified.		
	73) Plating thickness is as specified.		
	74) Plating thickness is as specified.		
	75) Plating thickness is as specified.		
	76) Plating thickness is as specified.		
	77) Plating thickness is as specified.		
	78) Plating thickness is as specified.		
	79) Plating thickness is as specified.		
	80) Plating thickness is as specified.		
	81) Plating thickness is as specified.		
	82) Plating thickness is as specified.		
	83) Plating thickness is as specified.		
	84) Plating thickness is as specified.		
	85) Plating thickness is as specified.		
	86) Plating thickness is as specified.		
	87) Plating thickness is as specified.		
	88) Plating thickness is as specified.		
	89) Plating thickness is as specified.		
	90) Plating thickness is as specified.		
	91) Plating thickness is as specified.		
	92) Plating thickness is as specified.		
	93) Plating thickness is as specified.		
	94) Plating thickness is as specified.		
	95) Plating thickness is as specified.		
	96) Plating thickness is as specified.		
	97) Plating thickness is as specified.		
	98) Plating thickness is as specified.		
	99) Plating thickness is as specified.		
	100) Plating thickness is as specified.		

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

CRIMP INFORMATION
SOLID MACHINED CONTACTS

SIZE: Pcs/lot 1000000
SCALE: NONE

REVISION: A1

REVOLUTIONS		DESCRIPTION	DATE	BY	APPR
REV	ZONE	ECO	6/12/08	B.D.B.	M.R.F.
AT	-	-	RELEASE NUMBER 016871		

SOLID CONTACT SIZE	SOLID CONTACT PART NUMBERS		WIRE SIZE AVG (mm ²)	RECOMMENDED STRIP LENGTH INCH (mm)	MIN CONTACT RETENTION LBS (N)	REF CRIMP TENSILE LBS (N)	MAX RATED AMPS @ 125°C CONTINUOUS
	PN	SOCKET					
16	AT60-202-16**	AT62-201-16**	16-20 [1.5-0.5]	0.25-0.31 [6.35-7.92]	25 [1111]	35-20 [156-89]	13

S&P CONTACT SIZE	STAMPED CONTACT PART NUMBERS		WIRE SIZE AVG (mm ²)	WIRE INSULATION O.D. RANGE	RECOMMENDED STRIP LENGTH INCH (mm)	MIN CONTACT RETENTION LBS (N)	REF CRIMP TENSILE LBS (N)	MAX RATED AMPS @ 125°C CONTINUOUS
	PN	SOCKET						
16	AT60-14-01**	AT62-14-01**	14-16 [2.0-1.0]	.100 - .150 [2.54 - 3.81]	0.150-0.200 [3.81-5.08]	25 [1111]	25 [1111]	13
16	AT60-16-01**	AT62-16-01**	16-18 [1.0-0.75]	.075 - .100 [1.90 - 2.54]	0.150-0.200 [3.81-5.08]	25 [1111]	25 [1111]	13
16	AT60-16-06**	AT62-16-06**	18-20 [0.75-0.50]	.055 - .095 [1.40 - 2.41]	0.150-0.200 [3.81-5.08]	25 [1111]	25-15 [111+67]	13

CONTACT RESISTANCE STRENGTH (LESS DROP THROUGH WIRE)			
WIRE AWG	TEST CURRENT	MILLIVOLT DROP SOLID	MILLIVOLT DROP S&P
14	18	60	100
16	13	60	100
18	10	60	100
20	7.5	60	100

MATERIAL SPECIFICATION AND PLATING ** CODES

PN: COPPER ALLOY
 SOCKET: COPPER ALLOY WITH STAINLESS STEEL SLEEVE

SOLID MACHINED CONTACT PLATING OPTIONS: **A**
 31= GOLD*
 141= NICKEL

STAMPED CONTACT PLATING OPTIONS: **A**
 22= NICKEL
 44= GOLD*
 89= SELECTIVE GOLD*

GOLD* = PLATING IS AVAILABLE (RECOMMENDED) FOR ONLY (<5V) CIRCUIT APPLICATIONS
 MATERIALS AND PLATINGS ARE ROHS COMPLIANT

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS ARE INCHES(MM).
 - ALL FORCES ARE IN LBS(POUNDS) AND "N" (NEWTONS).
 - CONTACT RETENTION TEST PULL RATE SHALL BE 1.0 INCH/2S. 4) PER MINUTE MAXIMUM. WIRE SIZE WILL AFFECT THE TRUE STRENGTH OF THE CRIMP.
 - WIRE SIZES AND INSULATION RANGES ARE FOR REFERENCE ONLY. THE ACTUAL INSULATION RANGE DEPENDS ON CONNECTOR GROMMET SEALING SIZE.
- SEE SPECIFICATIONS LISTED BELOW FOR INDIVIDUAL CRIMP INFORMATION:
- | | | | |
|------------------|----------|--------------------|-------|
| *SOLID* CONTACTS | SIZE | *STAMPED* CONTACTS | SIZE |
| | S2-15218 | S2-15222 | 16 |
| | | S2-15221 | 16/20 |
- MAXIMUM RATED CURRENT IN CHART DEPENDS ON CONTACT SIZE. ACTUAL RATED CURRENT DEPENDS ON WIRE SIZE.
 CONTACT FACTORY FOR ALL AVAILABLE PLATING ON SPECIFIC CONTACTS.
 AMPHENOL SINE PERFORMANCE SPECIFICATIONS REQUIRE THE USE OF AMPHENOL SINE APPROVED TOOLING.

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in inches.	SIGNATURES	DATE	
2) All dimensions are in millimeters.	DRAWN: POTER	4/5/09	
3) Pl. DEC 2000	CHECKED: RONE	6/3/09	
4) Pl. DEC 2000	ENGINEER: BERNIM		
5) Fabrication Standards Per:	APPROVAL: BERNIM	6/3/09	
6) Pl. DEC 2000	CUSTOMER:		
7) Pl. DEC 2000	APPROVAL:		
8) Pl. DEC 2000			
9) Pl. DEC 2000			
10) Pl. DEC 2000			
11) Pl. DEC 2000			
12) Pl. DEC 2000			
13) Pl. DEC 2000			
14) Pl. DEC 2000			
15) Pl. DEC 2000			
16) Pl. DEC 2000			
17) Pl. DEC 2000			
18) Pl. DEC 2000			
19) Pl. DEC 2000			
20) Pl. DEC 2000			
21) Pl. DEC 2000			
22) Pl. DEC 2000			
23) Pl. DEC 2000			
24) Pl. DEC 2000			
25) Pl. DEC 2000			
26) Pl. DEC 2000			
27) Pl. DEC 2000			
28) Pl. DEC 2000			
29) Pl. DEC 2000			
30) Pl. DEC 2000			
31) Pl. DEC 2000			
32) Pl. DEC 2000			
33) Pl. DEC 2000			
34) Pl. DEC 2000			
35) Pl. DEC 2000			
36) Pl. DEC 2000			
37) Pl. DEC 2000			
38) Pl. DEC 2000			
39) Pl. DEC 2000			
40) Pl. DEC 2000			
41) Pl. DEC 2000			
42) Pl. DEC 2000			
43) Pl. DEC 2000			
44) Pl. DEC 2000			
45) Pl. DEC 2000			
46) Pl. DEC 2000			
47) Pl. DEC 2000			
48) Pl. DEC 2000			
49) Pl. DEC 2000			
50) Pl. DEC 2000			
51) Pl. DEC 2000			
52) Pl. DEC 2000			
53) Pl. DEC 2000			
54) Pl. DEC 2000			
55) Pl. DEC 2000			
56) Pl. DEC 2000			
57) Pl. DEC 2000			
58) Pl. DEC 2000			
59) Pl. DEC 2000			
60) Pl. DEC 2000			
61) Pl. DEC 2000			
62) Pl. DEC 2000			
63) Pl. DEC 2000			
64) Pl. DEC 2000			
65) Pl. DEC 2000			
66) Pl. DEC 2000			
67) Pl. DEC 2000			
68) Pl. DEC 2000			
69) Pl. DEC 2000			
70) Pl. DEC 2000			
71) Pl. DEC 2000			
72) Pl. DEC 2000			
73) Pl. DEC 2000			
74) Pl. DEC 2000			
75) Pl. DEC 2000			
76) Pl. DEC 2000			
77) Pl. DEC 2000			
78) Pl. DEC 2000			
79) Pl. DEC 2000			
80) Pl. DEC 2000			
81) Pl. DEC 2000			
82) Pl. DEC 2000			
83) Pl. DEC 2000			
84) Pl. DEC 2000			
85) Pl. DEC 2000			
86) Pl. DEC 2000			
87) Pl. DEC 2000			
88) Pl. DEC 2000			
89) Pl. DEC 2000			
90) Pl. DEC 2000			
91) Pl. DEC 2000			
92) Pl. DEC 2000			
93) Pl. DEC 2000			
94) Pl. DEC 2000			
95) Pl. DEC 2000			
96) Pl. DEC 2000			
97) Pl. DEC 2000			
98) Pl. DEC 2000			
99) Pl. DEC 2000			
100) Pl. DEC 2000			



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.