Amphenol SINESYSTEMS



STAMPED AND FORMED CONTACTS, PG 1 of 2

Click on <u>blue underlined</u> 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)		5.54(218) SECTION A=8
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)	12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75(_400) 12.75	4.50(177] SECTION A-A 4.02(198] SECTION B-B
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 COLD PLATING CONTACT GENERAL DATA SPECIFICATION: S2-15217 AVAILABLE CRIMPERS: ATT-16-01, MFX-3950 & MFX-3953 CRIMPER SPECIFICATIONS: S2-15223 & S2-15224 CRIMPER SPECIFICATIONS: S2-15221 & S2-15222 CONTACTS PER REEL: APPROX. 4000 (PARTIAL REELS AVAILABLE)	12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75(.400) 12.75	3.38(133) 2.81(111) SECTION A=A 3.76(147) 1 SECTION B=B
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)	4.75(.185) 4.55(.55(.12) 12.7(Ave) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75(.185) 4.75	5.54[218]

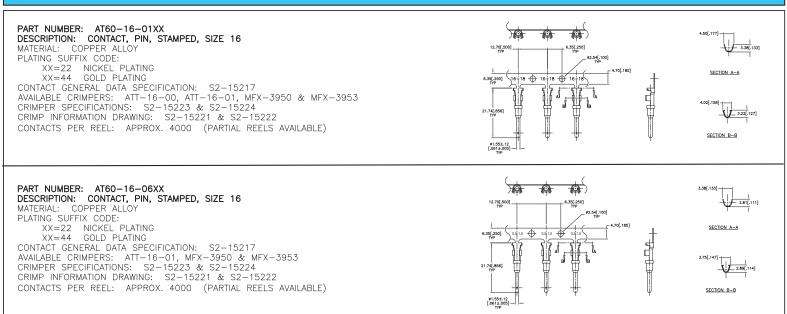




STAMPED AND FORMED CONTACTS, PG 2 of 2

Click on <u>blue underlined</u> part numbers to be taken to their spec sheets.

OPTIONS



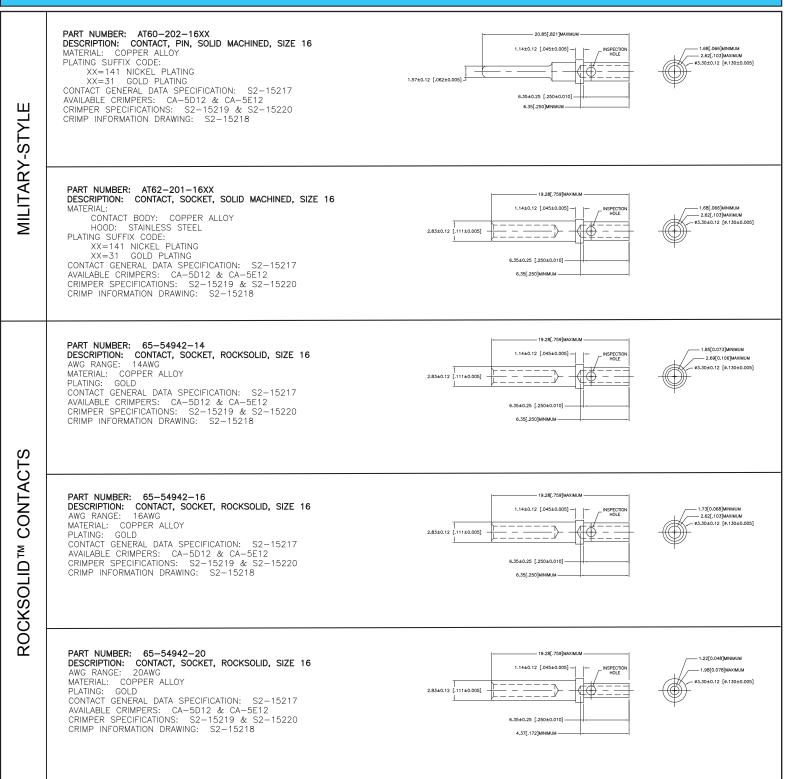


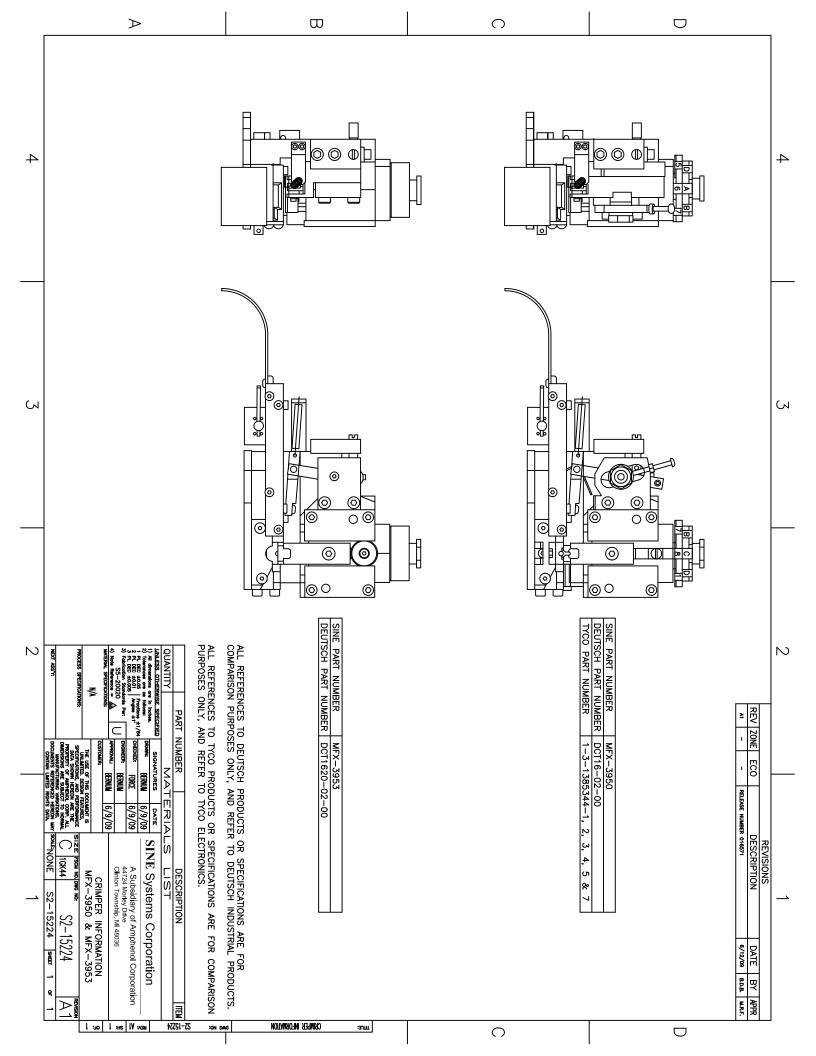


SOLID/MACHINED CONTACTS

Click on blue underlined part numbers to be taken to their spec sheets.

OPTIONS

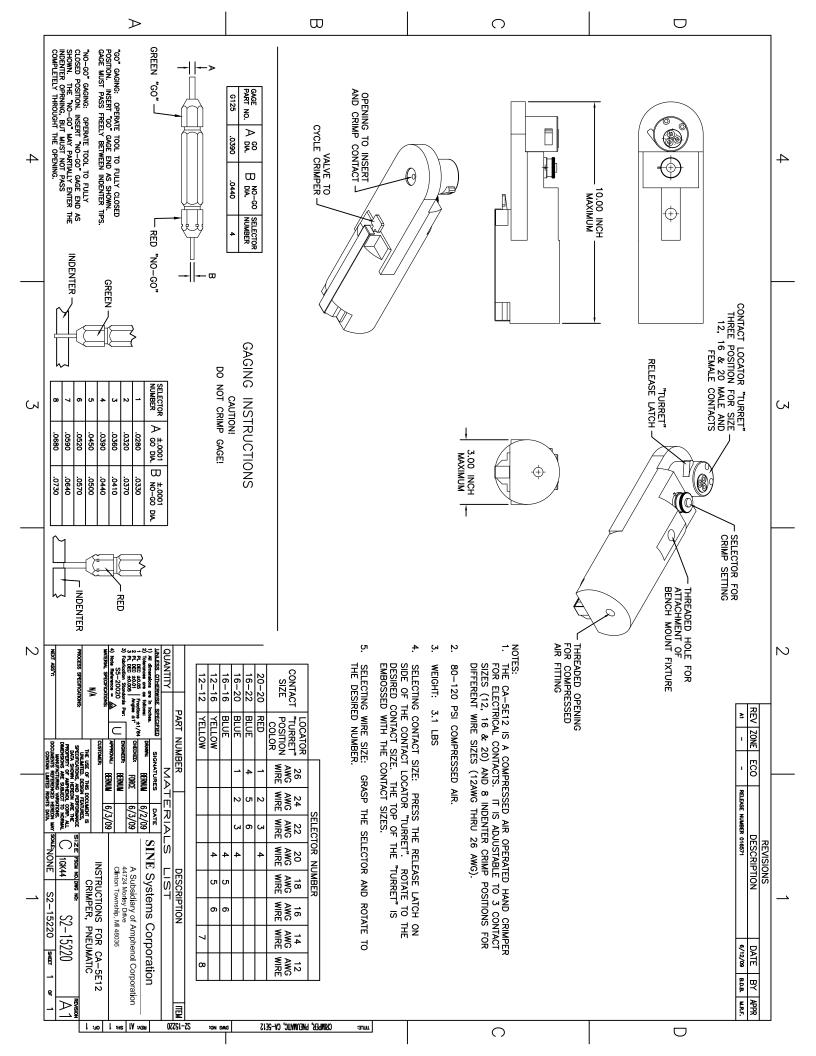


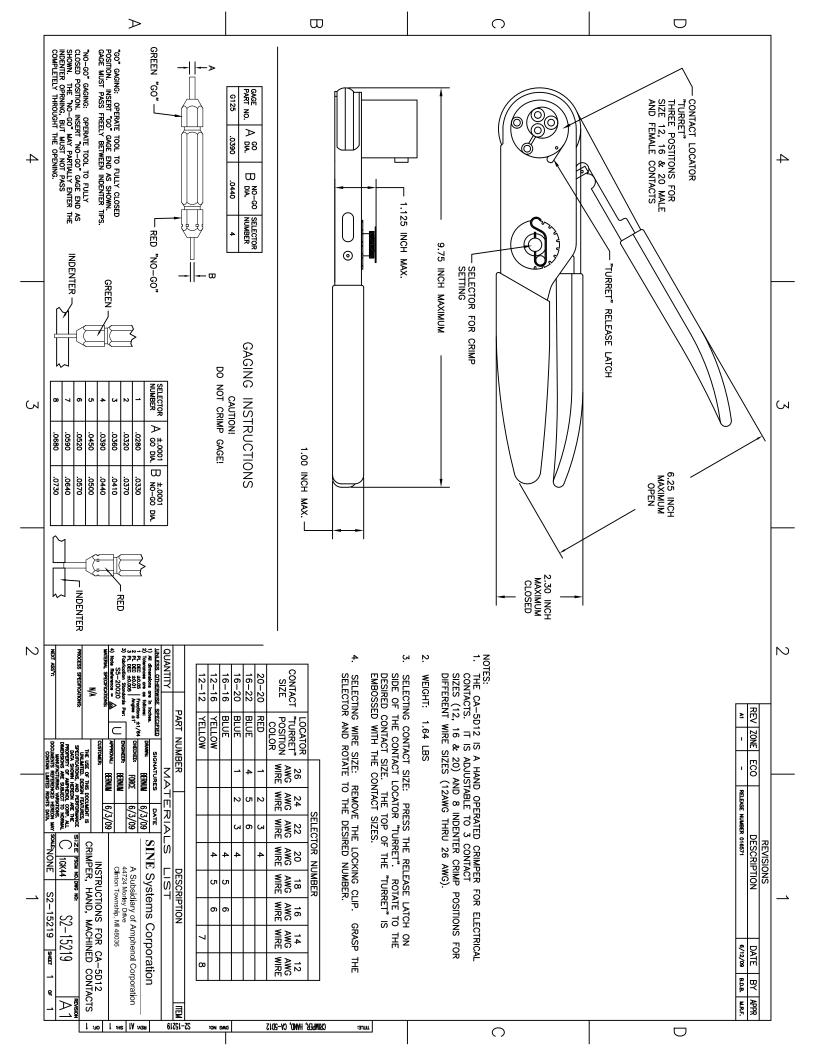


OLIVER DESCRIPTION IRU QUANTITY MATERIALS LIST 1) Midmenter or is team. SIGMETURES SIGMETURES DATE 1) Midmenter or is team. Dames BUNU 6/8/09 SINE Systems Corporation 1) Midmenter or is team. Dames BUNU 6/8/09 SINE Systems Corporation 1) Midmenter or is team. Dames BUNU 6/8/09 Aussidiary of Amphenol Corporation 3) Advisor are in team. Dames BUNU 6/8/09 Aussidiary of Amphenol Corporation 3) Advisor are in team. Dames BUNU 6/8/09 Aussidiary of Amphenol Corporation 4) New New or in team. Dames BUNU 6/8/09 INSTRUCTIONS, AIT-16-00 & 01 NATT NUMBER Dames Subject for the nonumers INSTRUCTIONS, AIT-16-00 & 01 CRIMPER, HAND, STAMPED CONTACTS NUM The use of the nonumers Size Issue nonumers Size Issue nonumers Subject on team. Dames Nation Nations Size Issue Nations Alt Not Asstr Dames Nations Size Issue Nonumers Alt Not As	TO WIRES LISTED IN DTT-16-00 AND DTT-16-01): METERS] TACT DATA DRAWINGS. 16 CONTACTS ONLY TC PART NUMBERS ARE DT	ACT	UNLESS OTHERWISE SPECIFIED): DIMENSIONS IN INCHES [MILLIMETERS] PLATING CODES ** SEE CONTACT DA TOOL IS FOR CRIMPING SIZE 16 COI CHARTS. TSCH IPD CROSS REFERENCE PART N	OTHERWIS IONS IN II IG CODES IS FOR CI S. PD CROSS	 NOTES (UNLESS OTHERWISE SPECIFIED): ALL DIMENSIONS IN INCHES [MILLIM FOR PLATING CODES ** SEE CONT/ 3. THIS TOOL IS FOR CRIMPING SIZE THE CHARTS. 4. DEUTSCH IPD CROSS REFERENCE F 	
ALL REFERENCES TO DEUTSCH PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO DEUTSCH INDUSTRIAL PRODUCTS.	CAVITY VIEW OF CRIMPER NUMBER ATT-16-01	C V WIRE SIZE 18AWG .75mm ² .75mm ² .50mm ²		CRIMPER NUMBER: 16-01 WITH CAVITY 6-01** PIN .075140 6-01** SOC [1.91 - 3.56] 6-06** PIN .055100 6-06** SOC [1.40 - 2.54]		USE CRIMPI ATT-16-01 <u>contact P/n:</u> <u>at60-16-01**</u> <u>at60-16-06**</u> <u>at62-16-06**</u>	
6/12/09 B.D.B.	CAVITY VIEW OF CRIMPER NUMBER ATT-16-00	Y WIRE SIZE 1.5mm² 1.6AWG 1.0mm² 1.5mm² 1.5mm² 1.6AWG 1.0mm² 1.0mm²		CRIMPER NUMBER: - 16-00 WITH CAVITY ACT P/N: INSULATION Ø -16-01** PIN .075140 -14-01** SOC [1.91 - 3.56] -14-01** SOC [2.41 - 3.81] -16-06** PIN .055100 -16-06** SOC [1.40 - 2.54]	PER soc	USE CRIM ATT - 16 - C <u>CONTACT P/N:</u> AT60-16-01** AT62-16-01** AT62-14-01** AT62-14-01**	
REV ECO DESCRIPTION DATE BY APPR							

	>	Φ	0	
	 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 MIRROMETER (0.100)2.54] MIN SPINDLE AND 0.060/0.010[1.50/0.040] ANVIL) TO MEASURE THE CONDUCTOR CRIMP. SEE SECTION AA 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 IT'S WIRE SEAL SIZE. SEE CONNECTOR DRAWING FOR INSULATION MAY BE AN ECOPTION, INSULATION CRIMP SHALL NOT AFFECT REMOVAL TOOL PERFORMANCE AND SHALL NOT DAMETER SHOULD BE THE EQUAL OR LESS THAN THE DIAMETER OF THE WIRE INSULATION (HARD OR TEFLON INSULATION MAY BE AN ECOPTION), INSULATION CRIMP SHALL NOT AFFECT REMOVAL TOOL PERFORMANCE AND SHALL NOT DAM CONNECTOR GROMMET SEAL. CONDUCTOR TYPE ARE PER SAEJ.1128(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. 	0.105-0.125 [2.67-3.18] ATT-711-0200 ATT-7311-0200 0.085-0.111 [2.16-2.82] ATT-7213-0200 ATT-7313-0200 0.0075-0.105 [1.91-2.67] ATT-7214-0200 ATT-7313-0200 0.063-0.094 [1.62-2.39] ATT-7214-0200 ATT-7317-0200 0.0560-0.075 [1.27-1.91] ATT-7218-0200 ATT-7318-0200 0.0560-0.075 [1.27-1.91] ATT-7218-0200 ATT-7318-0200 0.0560-0.075 [1.27-1.91] ATT-7218-0200 ATT-7318-0200 1. ALL DIMENSIONS ARE IN NOHES[mm]. FORCES ARE IN POLIND'SH SY AND NEWTONSINU FORCES ARE IN POLIND'SH SY AND NEWTONSINU	AT60-16-06xx AT62-16-06xx INSULATION RANGE 0.055-0.100[1.40-2.54] INSULATION DIAMETER RANGE	STAMPED CONTACT PART NUMBER 1062-PIN 1062-SOCKET SIZE AT60-14-01xx AT60-14-01xx AT62-14-01xx AT62-1601xx AT62-1601xx AT62-1601xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01xx AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-16-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-01x AT60-10-000 AT60-10-000 AT60-10-000 AT60
4	"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. SEE SECTION AA CRIMP TENSILE STRENGTHIS DETERMINED AT A PULL RATE SPEED OF 1.00 INCH[25.4] PER MINUTE. INSULATION WINGS ARE CRIMP TENSILE STRENGTHIS DETERMINED AT A PULL RATE SPEED OF 1.00 INCH[25.4] PER MINUTE. INSULATION WINGS ARE CRIMP TENSILE STRENGTHIS DETERMINED BY CONNECTOR AND IT'S WIRE CONDUCTOR SIZE. VALUES ON THIS SPECIFICATION ARE FOR REFERENCE ONLY. INSULATION DIAMETER RANGE IS DETERMINED BY CONNECTOR AND IT'S WIRE SEAL SIZE. SEE CONNECTOR DRAWING FOR INSULATION CRIMP DIAMETER SHOULD BE THE EQUAL OR LESS THAN THE DIAMETER OF THE WIRE INSULATION (HARD OR TEFLON UNSULATION RANGE. CONDUCTOR GROMMET SEAL. CONDUCTOR TYPE ARE PER SAEJ1128(AWG) AND ISO 6722(METRIC) FOR CONTACT MATERIAL AND PERFORMANCE DATA. SEE DRAWING 52-15217. REFER TO 52-15223 AND 52-15224 AND CROSS REFERENCE CHARTS FOR CRIMP TOOL DATA.	105-0125 [2.67-3.18] ATT7:211-0200 ATT7:311-0200 0065-0111 [2.16-2.82] ATT7:215-0200 ATT7:313-0200 0075-0.105 [1.91-2.67] ATT7:215-0200 ATT7:313-0200 0075-0.105 [1.91-2.67] ATT7:215-0200 ATT7:313-0200 0050-0075 [1.27-1.91] ATT7:215-0200 ATT7:313-0200 0050-0075 [1.27-1.91] ATT7:216-0200 ATT7:318-0200 0150-0075 [1.27-1.91] ATT7:216-0200 ATT7:318-0200 0150-0075 [1.27-1.91] ATT7:218-0200 ATT7:318-0200 <td>1.00mm⁴ 0.069[1:27] 0.0 118 AWG 0.049[1:27] 0.0 16 AWG 0.059[1:27] 0.0 16 AWG 0.059[1:27] 0.0 17 MWG 0.049[1:22] 0.0 18 AWG 0.049[1:22] 0.0 19 AWG 0.049[1:22] 0.0 0.75mm² 0.049[1:22] 0.0 0.75mm² 0.049[1:22] 0.0 0.50mm² 0.445[1:4] 0.0 0.50mm² 0.457[1:4] 0.0</td> <td></td>	1.00mm ⁴ 0.069[1:27] 0.0 118 AWG 0.049[1:27] 0.0 16 AWG 0.059[1:27] 0.0 16 AWG 0.059[1:27] 0.0 17 MWG 0.049[1:22] 0.0 18 AWG 0.049[1:22] 0.0 19 AWG 0.049[1:22] 0.0 0.75mm ² 0.049[1:22] 0.0 0.75mm ² 0.049[1:22] 0.0 0.50mm ² 0.445[1:4] 0.0 0.50mm ² 0.457[1:4] 0.0	
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	CRIMP				-		
		16	16	CONTACT SIZE		AT60-202-16XX AT62-201-16XX ▲	CONTACT P/N
4	CTION A-A CROSS-SECTION	CA-5D12 CA-5E12	CA-5D12 CA-5E12	CRIMP TOOL PART NUMBER			P/N
		12	12			16PIN 16SOC	TYPE 4
		BLUE	BLUE	CONTACT LO "TURRET" P		16AWG 1.0mm 18AWG 0.75mm 20AWG 0.50mm 2	WIRE SIZE
				LOCATOR		35[156] 25[111] 20[89]	REF. ONLY TENSILE LBS[N]
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Ы	$\begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	0.039[.991]	0.052[1.32]	GO GAGE INCH[MM]		16	RECOMMENDED
		0.044[1.12]	0.057[1.45]	"NOGO" GAO		STRIP LENGTH INCH[MM] 0.250-0.312[6.35-7.92]	
		12] SIZE	45]	GAGE MM]		STRIP LENGTH 	STRIP LENGTH
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	INSPECTION HOLE PRIOR TO CRIMP. PROPER CRIMP TOOLING WILL PRODUCE A CRIM CENTREED BETWEEN THE INSPECTION HOLE AND CRIMP BARREL END. WIRE SIZES PER SAE JII28 AND JI560 [DIN 725 REFERENCE INSTRUCTION MANUALS S2-15219 / S2-15220 FOR CA-SD12 AND CA-SE12 HAND PNUEMATIC CRIMPER THE CRIMP HEIGHT DIMENSION AFTER CRIMPING VARY FROM THE VALUES LISTED FOR THE "GO-II NMATE CRIMP INFORMATION AND CA-SE12 HAND NATE ROM THE VALUES LISTED FOR THE "GO-II NMATE CRIMP INFORMATION AND AND AND AND AND AND AND AND AND AN	CONTACT APPLICATION	WHEN XX=21, CONTACT PLATING IS NOCKEL WHEN XX=141, CONTACT PLATING IS NOCKEL PULL RATE OF 1.0 IN [25.4] PER MINUTE. STRENGTH DEPENDS ON WRE SIZE	DO NO	NOTES: UNLESS		
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REVISIONS DESCRIPTION RELEASE NUMBER 016571

DATE BY APPR 6/12/09 B.D.B. M.R.F.

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			20	18	16	14	WIRE AWG			16	16	16	SIZE	S&F CONTACT	;	16	SOLID CONTACT SIZE			
4			7.5	10	13	18	TEST CURRENT	(LESS DROP		AT60-16-06**	AT60-16-01**	AT60-14-01**	PIN	STAMPED CON		AT60-202-16**	SOLID CONTACT			4
			60	60	60	60	MILLIVOLT	CONTACT RESISTANCE STRENGTH (LESS DROP THROUGH WIRE)		AT62-16-06**	AT62-16-01**	AT62-14-01**	SOCKET	STAMPED CONTACT PART NUMBERS		AT62-201-16**	SOLID CONTACT PART NUMBERS			
			100	100	100	100	MILLIVOLT DROP S&F)) INGTH			1-01**	-01**	Ĩ	RS	2	-16**	Ê	_		
		0.074.98 0.0 S]	18-20 [0.75-0.50]	16-18 [1.0-0.75]	14-16 [2.0-1.0]	AWG [mm*]	WIRE SIZE		16-20 [1.5-0.5]	WIRE SIZE AWG(mm ²)	A		
Ŋ		STAMPED CONTACT PLATING OPTIONS: A 22= NICKEL 44= GOLD* 88= SELECTIVE GOLD* 88= SELECTIVE GOLD* GOLD'= PLATING IS AVAILABLE (RECOMMENDED) FOR ONLY(-SV) CIRCULT APPLICATIONS MATERIALS AND PLATINGS ARE ROHS COMPLIANT	41= NICKEL	SOLID MACHINED CONTACT PLATING OPTIONS: 31= GOLD*		SOCKET: COPPER ALLOY WITH STAINLESS STEEL SLEEVE	PIN: COPPER ALLOY	MATERIAL SPECIFICATION AND PLATING ** CODES	₽	.055 - 095 [1 40 - 2 41]	075 - 100 [1.90 - 2.54]	100 - 150 [2.54 - 3.81]	O.D. RANGE	WIRE	[0.35-7.92]	0.25-0.31	RECOMMENDED STRIP LENGTH INCH [mm]			3
04		ATING OPTIONS: A		TACT PLATING OPTIC		OY WITH STAINLESS :		* CODES		0 150 0 200 [3 81 5 08]	0.150-0.200 [3.81-5.08]	0.150-0.200 [3.81-5.08]	INCH [mm]	RECOMMENDED STRIP LENGTH		25 [111]	MIN CONTACT RETENTION LBS [N]			
		V VDED) FOR		INS:		STEEL SLEEVE				08] 25 [111]	08] 25 [111]	08] 25 [111]		MIN CONTACT		35-20 [156-80]	REF CRIMP TENSILE LBS [N]			
		S2- MAXIMUM RI	"SOLID"	SEE SPEC	GROMMET SI	3 CONTACT RE	2 ALL FORCES	NOTES: UN		25-15 [111-67]	25 [111]	25 [111]		T REF CRIMP	5	13	MAX RATED AMPS@125°C CONTINUOUS			
Ν		S2-15218 16 MRATED CURRENT IN CTFACTORY FOR ALL VOL SINE PERFORMAN	ID" CONTACTS SI	CIFICATIONS LIST	S AND INSULATION SEALING SIZE.	STRENGTH OF THE CRIMP.	ALL DIMENSIONS ARE INCHES[MM] ALL FORCES ARE IN "LBS"(POUNDS	NOTES: UNLESS OTHERWISE SPECIFIED		7] 13	13	13		MAX RATED						2
		N CHART DEI AVAILABLE I	SIZE "S	ED BELOW F	RANGES ARI	ULL RATE SH	[mm] UNDS) AND "	RWISE S					SUC	ν Ο Ο						
		S2-15218 16 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. MAPHENOL SINE PERFORMANCE SPECIFICATIONS REQUIRE THE USE OF AMPHENOL SINE APPROVED TOOLING.	"STAMPED" CONTACTS	ECIFICATIONS LISTED BELOW FOR INDIVIDUAL CRIMP INFORMATION:	A WIRE SIZES AND INSULATION RANGES ARE FOR REFERENCE ONLY. THE ACTUAL INSULATION RANGE DEPENDS ON CONNECTOR GROMMET SEALING SIZE.	ALL BE 1.0 INCH[28	ALL DIMENSIONS ARE INCHESIMM] ALL FORCES ARE IN "LBS" (POUNDS) AND "[N]" (NEWTONS).	PECIFIED											REV ZONE E	
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