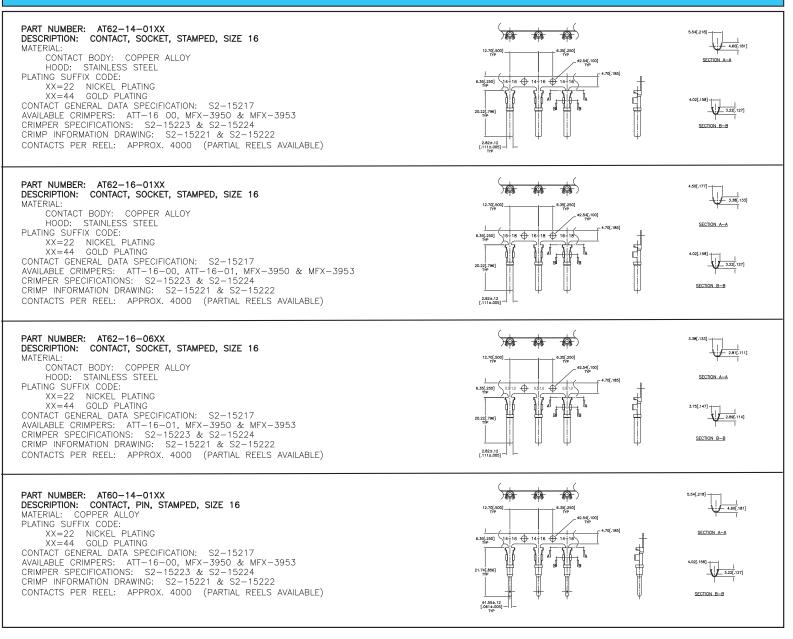
# **Amphenol** SINESYSTEMS



# STAMPED AND FORMED CONTACTS, PG 1 of 2

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

**OPTIONS** 



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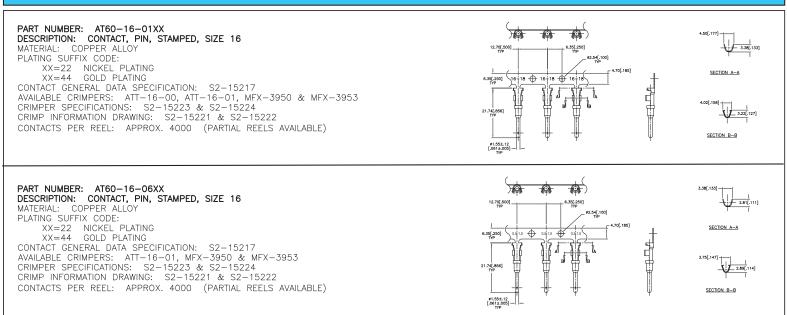




# STAMPED AND FORMED CONTACTS, PG 2 of 2

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

# **OPTIONS**



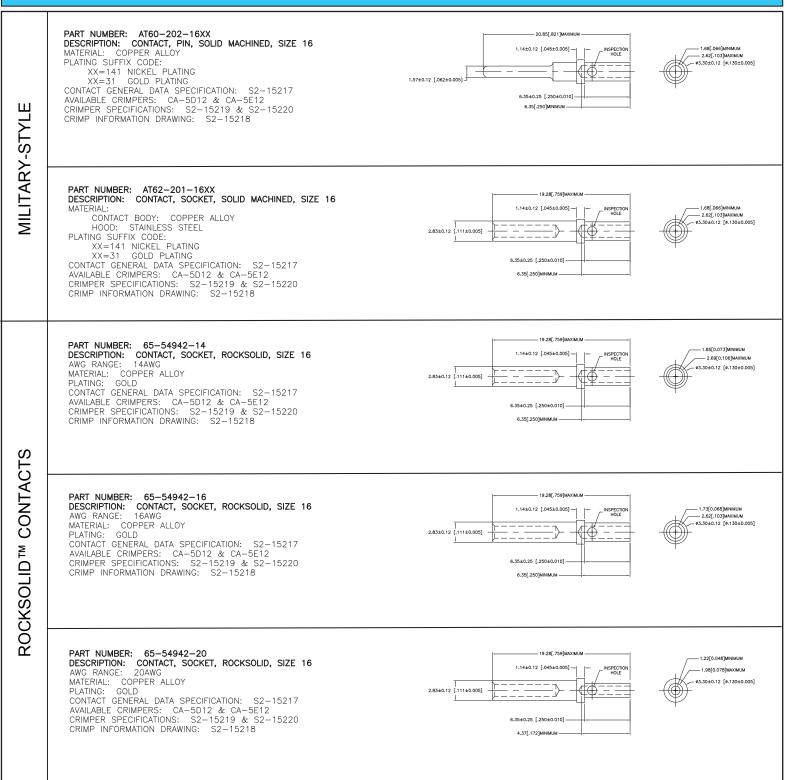




# SOLID/MACHINED CONTACTS

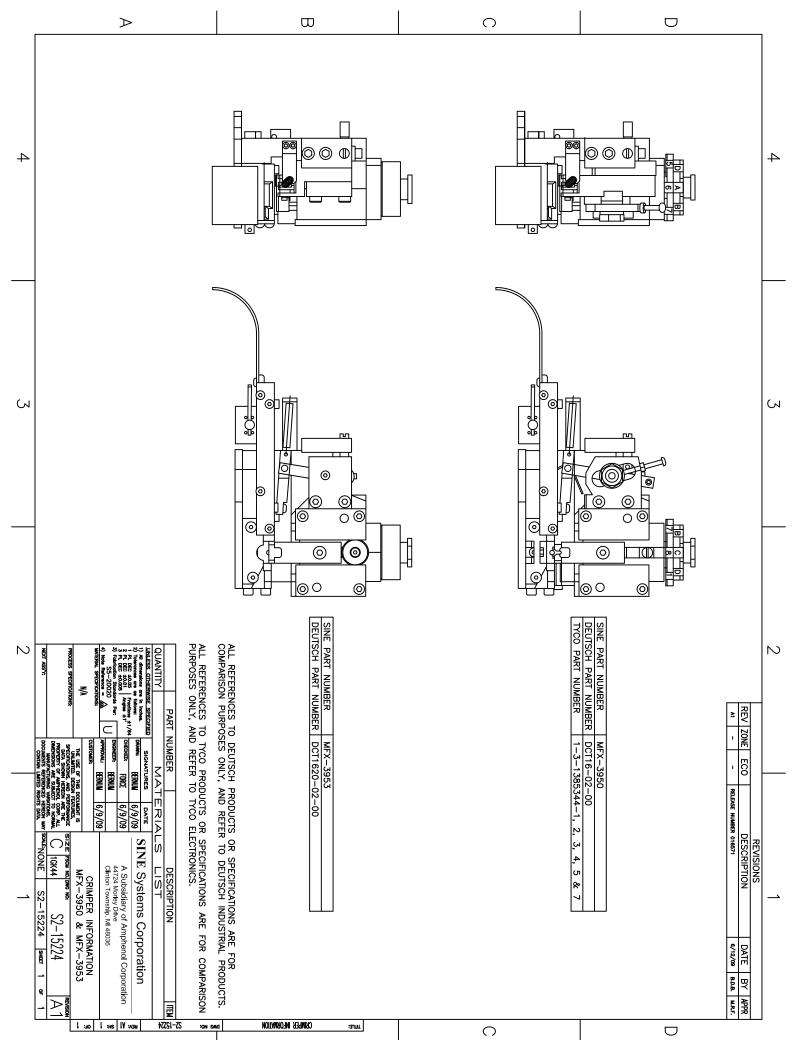
Click on blue underlined part numbers to be taken to their spec sheets.

**OPTIONS** 



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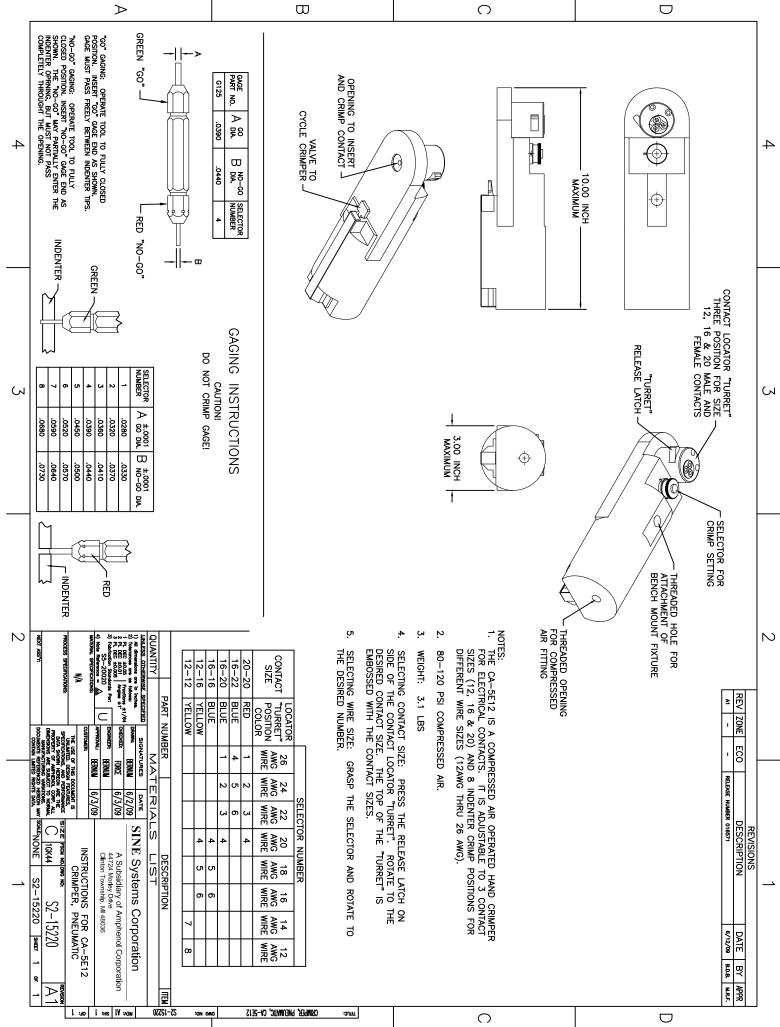
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4	<ul> <li>YXX=PLATING SUFFIX. SEE INDIVIDUAL CONTACT DRAWING.</li> <li>WRE STRIP LENGTH: 0.1754:0025(4:454:0.64). BROKEN OR MISSING CONDUCTOR STRANDS ARE NOT ACCEPTABLE.</li> <li>USE A BLADE MICROMETER (0.100)2.54() MIN SPINDLE AND 0.0600.010(1.500.040) ANVIL) TO MEASURE THE CONDUCTOR CRIMP.</li> <li>CRIMP TEASLE STREINGTH IS DETERMINED AT A PULL RATE SPEED OF 1.00 INCH[25.4] PER MINUTE. INSULATION WINGS ARE REMOVED FOR TEST. ACTUAL CRIMP TENSILE STREINGTH DEPENDS ON WIRE/CONDUCTOR SIZE. VALUES ON THIS SPECIFICATION ARE FOR REFERENCE ONLY.</li> <li>MISULATION DIAMETER RANGE IS DETERMINED BY CONNECTOR AND IT'S WIRE SEAL SIZE. SEE CONNECTOR DRAWING FOR INSULATION RANGE.</li> <li>INSULATION RANGE.</li> <li>INSULATION RANGE.</li> <li>INSULATION RANGE AND ENDILE THE EQUAL OR LESS THAN THE DIAMETER OF THE WIRE INSULATION (HARD OR TEFLON INSULATION RANGE AND SHALL NOT DAMAGE CONDUCTOR TYPE ARE PER SALE) 1128(AWG) AND ISO 6722(METRIC)</li> <li>I. FOR CONDUCTOR TYPE ARE PER SALE) 1128(AWG) AND ISO 6722(METRIC)</li> <li>I. REFER TO S2-15223 AND S2-15224 AND CROSS REFERENCE CHARTS FOR CRIMP TOOL DATA.</li> </ul>	0.124-0.120         [2.67-3.18]         A11-214-0200         A11-314-0200           0.105-0.125         [2.67-3.18]         A11-214-0200         A11-314-0200           0.0065-0.111         [2.16-2.82]         A11-214-0200         A11-313-0200           0.0063-0.105         [1.91-2.67]         A11-214-0200         A11-313-0200           0.063-0.094         [1.62-2.39]         A11-214-0200         A11-314-0200           0.050-0.075         [1.27-1.91]         A11-216-0200         A11-318-0200           0.050-0.075         [1.27-1.91]         A11-216-0200         A11-318-0200           1. ALL DIMENSIONS ARE IN NCHES[mm].         I. ALL DIMENSIONS ARE IN NCHES[mm].         EVEROPSIA ARE IN POUNDSILIESI AND NEWTONSINI.	IB AWG         0.0           0.75mm <sup>2</sup> 0.0           0.75mm <sup>2</sup> 0.0           0.0         1.00mm <sup>2</sup> 0.0           0.2         16         18.4WG         0.0           0.2.541         16         0.75mm <sup>2</sup> 0.0           0.2.541         0.05mm <sup>2</sup> 0.0         0.0           0.2.541         0.05mm <sup>2</sup> 0.0         0.0           WETER RANCE         PUNCH NUNBER         0.0         0.0	STAMPED CONTACT PART NUMBER 1005–ENUMBER 1005–SOCKET         SIZE         CONDUCTOR WRE SIZE         CONDUCTOR 40001/1           AT6C14-01xx AT6C14-01xx AT62-14-01xx AT62-14-01xx AT62-14-01xx AT62-16-01x AT62-16-01x AT62-
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2       1         Normalization of the state in the stat	<ul> <li>XX*= PLATING SUFFIX. SEE INDIVIDUAL CONTACT DRAWING.</li> <li>WIRE STRIP LENGTH: 0.175±0.025[4.45±0.64]. BROKEN OR MISSING ( SEE SECTION AA</li> <li>CENNP TEKSILE STRENGTH IS DETERMINED AT A PULL RATE SPEED REMOVED FOR TEST. ACTUAL CRMP TENSILE STRENGTH DEPENDS ARE FOR REFERENCE ONLY.</li> <li>INSULATION DAMETER RANGE IS DETERMINED BY CONNECTOR AN INSULATION RANGE.</li> <li>INSULATION RANGE EXCEPTION, INSULATION CRIMP DIAMETER SHOULD BE THE EQUAL OR LESS TH/ INSULATION MAY BE AN EXCEPTION, INSULATION CRIMP SHALL NC CONNECTOR GROMMET SEAL.</li> <li>FOR CONTACT TYPE ARE PER SAEJ1128(AWG) AND ISO 6722(METRIC) 10. FOR CONTACT MATERIAL AND PERFORMANCE DATA, SEE DRAWING 11. REFER TO S2-15223 AND S2-15224 AND CROSS REFERENCE CHART</li> </ul>	Insolution         Insolution <thinsolution< th="">         Insolution         Insoluti</thinsolution<>	18 AWG         0.049[1.24]         0.094[2.39]           0.75mm <sup>2</sup> 0.048[1.22]         0.094[2.39]           16 AWG         0.050[1.27]         0.079[2.01]           1.00mm <sup>2</sup> 0.060[1.27]         0.079[2.01]           18 AWG         0.049[1.22]         0.079[2.01]           0.75mm <sup>2</sup> 0.048[1.22]         0.079[2.01]           0.75mm <sup>2</sup> 0.048[1.22]         0.079[2.01]           20 AWG         0.048[1.22]         0.079[2.01]           2.50mm <sup>2</sup> 0.048[1.24]         0.079[2.01]           0.50mm <sup>2</sup> 0.048[1.44]         0.079[2.01]           0.50mm <sup>2</sup> 0.048[1.44]         0.079[2.01]	4 SIZE WRE SIZE CONDUCTOR +0.001/1.002 INCH WRE SIZE WRE SIZE +0.001/0.002 INCH +0.003/0.05 mml 2.00mm <sup>2</sup> 0.055(1.40] 0.094(2.39) 1.50mm <sup>2</sup> 0.055(1.40] 0.094(2.39) 1.00mm <sup>2</sup> 0.055(1.40] 0.094(2.39) 1.00mm <sup>2</sup> 0.055(1.40] 0.094(2.39) 1.00mm <sup>2</sup> 0.055(1.40] 0.094(2.39) 1.50mm <sup>2</sup> 0.055(1.50m <sup>2</sup> ) 0.094(2.50m <sup>2</sup> ) 1.50mm <sup>2</sup> 0.055(1.50m <sup>2</sup> ) 0.094(2.50m <sup>2</sup> ) 1.50m <sup>2</sup> 0.055(1.50m <sup>2</sup> ) 0.094(2.50m <sup>2</sup> ) 1.50m <sup>2</sup> 0.094(2.50m <sup>2</sup> ) 0.094(2.50m <sup>2</sup> ) 0.094(2.50m
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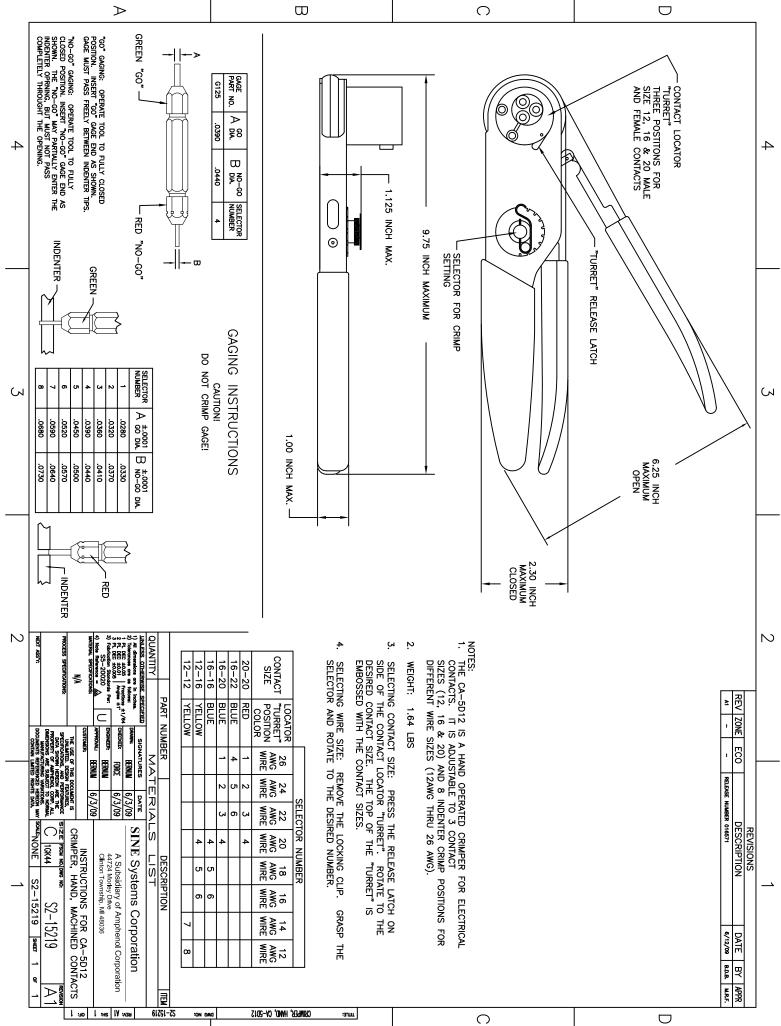


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DTES: UNLESS OTHERWISE SPECIFIED         MINIMUM +/-COODS [0.013] TOLERANCE STEEL GAGE         PINS. DD NOT CRIMP GAGE PINS.         WHEN XX=31, CONTACT PLATING IS COLD         WHEN XX=141, CONTACT PLATING IS NICKEL         PUL RATE OF 1.0 IN [23.4] PER MINUTE. ACTUAL         STRENGTH DEPROS MUST BE VISIBLE THRU THE         INSPECTION HOLE PRIOR TO CRIMP.         CONTACT PERFORMANCE, MITERIAL SPECIFICATIONS         AND APPLICATION DEFINIS.         SECONDUCTOR STRANDS MUST BE VISIBLE THRU THE         PROFER CRIMP TOOLING WILL PRODUCE A CRIMP         CENTERED BEINEST         REFERENCE INSTRUCTION MANUALS S2-15219 AND         SECOND HOLE NOT COLONG AND LISED IN TREE         PROFE CRIMP FIGHT DIMENSION AFTER CRIMPING MAY         VIAT FERIALS       LIST         MARY FROM THE VALUES LISTED FOR THE "GO-NOCGO" PINS.         PULEMATIC CRIMPER       SUIVE Systems Corporation         Market PROM THE VALUES LISTED FOR THE "GO-NOCGO" PINS.         PUTE CRIMP REMENT       SUIVE Systems Corporation         MARY FROM THE VALUES CONTACT       As Ubidiagity of Amphenel Corporation         Market PROM REMENT       SUID MACHINED CONTACTS         MARY FROM THE VALUES CONTACTS       CRIMP INFORMATION         Market PROM REMENT       SUID MACHINED CONTACTS         Market PROM REMENT       SUID M	16 WITH 22	า้นกา
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		2 0 0 9 4 10 10							]	18-20 [0.75-0.50]	16-18 [1.0-0 75]	14-16 [2.0-1.0]	AWG [mm <sup>+</sup> ]	WIRE SIZE		16-20 [1 5-0 5]	WIRE SIZE AWG(mm <sup>2</sup> )			
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		MAXIMUM R A CONTACT F A AMPHENOL	"SOLIE	SEE SPE	GROMMET S	STRENGTH	1. ALL DIMENS	NOTES: UN		25-15 [111-67]	25 [111]	25 [111]	LBS [N]	T REF CRIMP		13	MAX RATED AMPS@125 <sup>0</sup> C CONTINUOUS			
2	QUAN UNILESS 3 Protection 3 Pro	S2-15218     16     S2-15222     16       AMAXIMUM RATED CURRENT IN CHART DEPENDS ON CONTACT SIZE. ACTUAL RATED CURRENT DEPENDS ON WIRE SIZE.     ACTUAL RATED CURRENT DEPENDS ON WIRE SIZE.       ACONTACT FACTORY FOR ALL AVAILABLE PLATING ON SPECIFIC CONTACTS.       AMPHENOL SINE PERFORMANCE SPECIFICATIONS REQUIRE THE USE OF AMPHENOL SINE APPROVED TOOLING.	"SOLID" CONTACTS SIZE	SPECIFICATIONS 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.	ETENTION TEST PU OF THE CRIMP.	<ol> <li>ALL DIMENSIONS ARE INCHESIMM].</li> <li>ALL FORCES ARE IN "LBS"(POUNDS) AND "[N]" (NEWTONS).</li> </ol>	UNLESS OTHERWISE SPECIFIED		57] 13	13	13	CONTINUOU	MAX RATED						2
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		S2-15222 S2-15221 NDS ON CONTAG ATING ON SPECI	"STAMPED" CONTACTS	R INDIVIDUAL CF	OR REFERENCE	LL BE 1.0 INCH[2	" (NEWTONS).	ecified											AI - E	
		16 16/20 CT SIZE. ACTU FIC CONTACTS THE USE OF A	TS SIZE	IMP INFORMAT	E ONLY. THE A	25.4] PER MINU													ECO RELEASE	
	ERIALS DE DATE SINE S 4/5/09 A175 6/3/09 A175 6/3/09 A175 6/3/09 A175 CINESS STAMPER STAMPER STAMPER STAMPER STAMPER CIN CIN CIN CIN CIN CIN CIN CIN CIN CIN	AL RATED CURRE 3. MPHENOL SINE A		FION:	CTUAL INSULATIC	TE MAXIMUM. WI													REVISIONS DESCRIPTION RELISE NUMBER 016571	
<u> </u>	DESCRIPTION LIST E Systems ( A Subsidiary of 44724 Morey Drive Chino Township CENERAL DA GENERAL DA GENERAL DA GRUA GRUA CENERAL DA GRUA GRUA SZ - 152	INT DEPENDS ON PPROVED TOOL			IN RANGE DEPE	RE SIZE WILL AFI													TION	<b>→</b>
	Corpora Amphenol I 48036 RMED / RMED / L-15217	I WIRE SIZE. NG.			IDS ON CONNEC	ECT THE TRUE													DATE 9/12/09	
					TOR .		-												BY APPR B.D.B. M.R.F.	
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