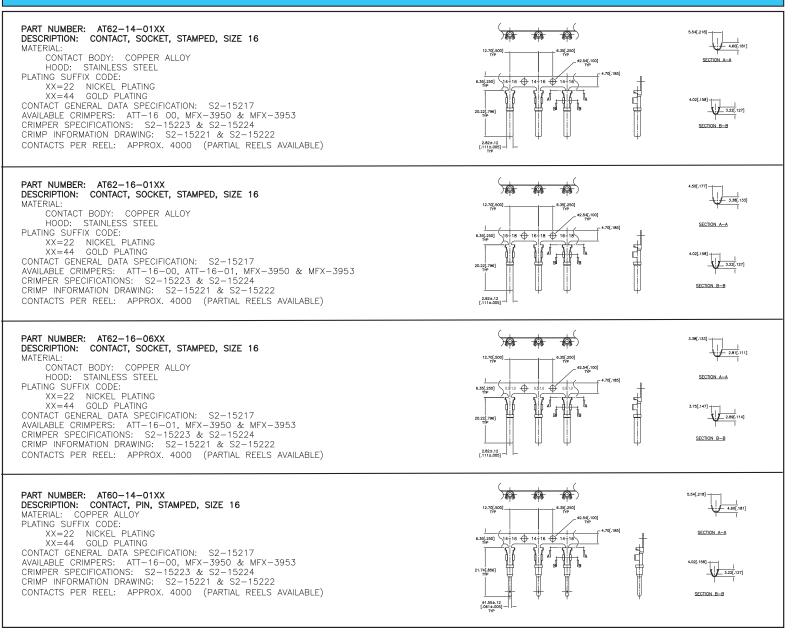
Amphenol SINESYSTEMS



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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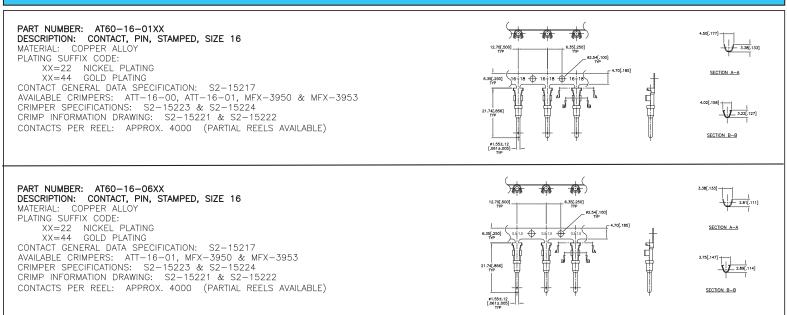




STAMPED AND FORMED CONTACTS, PG 2 of 2

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

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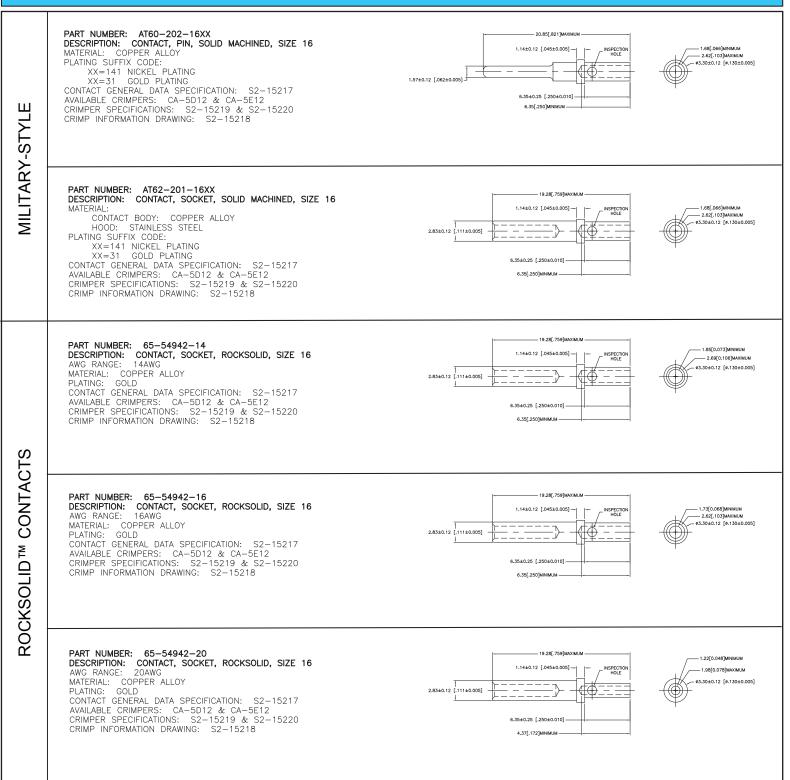




SOLID/MACHINED CONTACTS

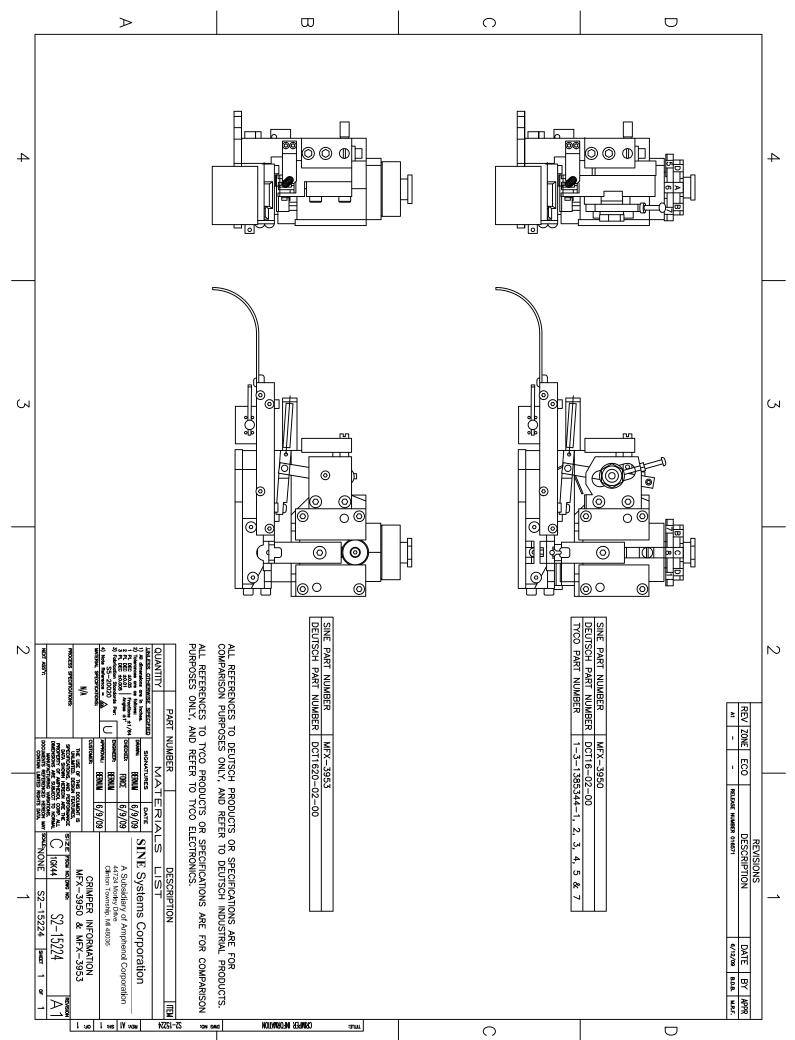
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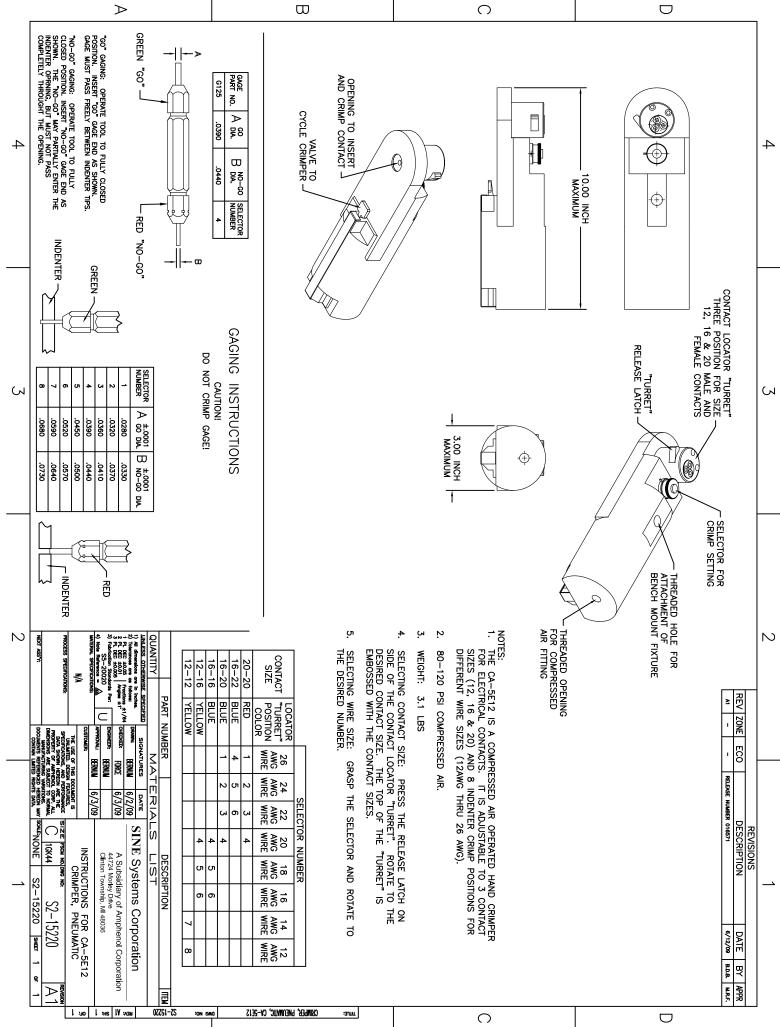
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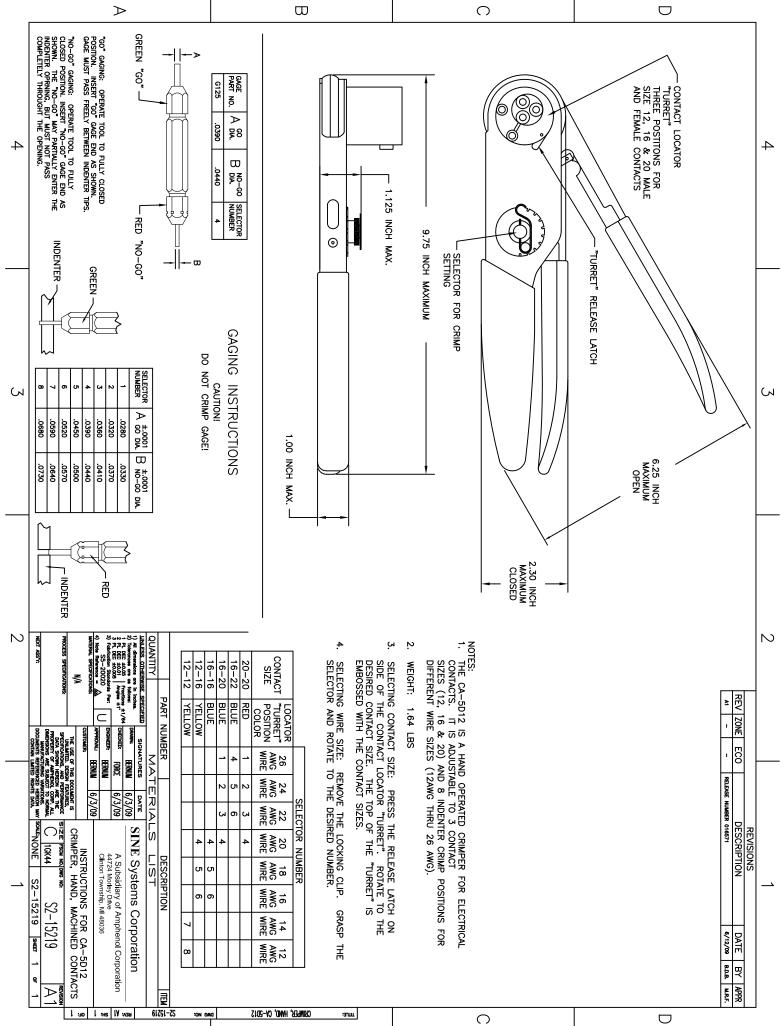


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| n <u>Elcodis.com</u> | A STATE AND A | NOMBERS ARE DIT | CRUSS REFERENCE PART NUMBERS ARE DIT-10-00 AND DIT-10-01 | 4. DEOLSCH IPD |
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| до I нь I | ALL REFERENCES TO DEUTSCH PRODUCTS OR SPECIFICATIONS ARE FOR COMPARISON PURPOSES ONLY, AND REFER TO DEUTSCH INDUSTRIAL PRODUCTS. | D .75mm ² C .50mm ² | SOC [1.40 - 2.54] | AT62-16-06** |
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| пш | | | .075140 | AT60-16-01** |
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| 4 | YXX=PLATING SUFFIX. SEE INDIVIDUAL CONTACT DRAWING. WRE STRIP LENGTH: 0.1754:0025(4:454:0.64). BROKEN OR MISSING CONDUCTOR STRANDS ARE NOT ACCEPTABLE. USE A BLADE MICROMETER (0.100)2.54() MIN SPINDLE AND 0.0600.010(1.500.040) ANVIL) TO MEASURE THE CONDUCTOR CRIMP. 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. MISULATION DIAMETER RANGE IS DETERMINED BY CONNECTOR AND IT'S WIRE SEAL SIZE. SEE CONNECTOR DRAWING FOR INSULATION RANGE. INSULATION RANGE. INSULATION RANGE. 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) I. FOR CONDUCTOR TYPE ARE PER SALE) 1128(AWG) AND ISO 6722(METRIC) I. REFER TO S2-15223 AND S2-15224 AND CROSS REFERENCE CHARTS FOR CRIMP TOOL DATA. | 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 ² 0.0 0.75mm ² 0.0 0.0 1.00mm ² 0.0 0.2 16 18.4WG 0.0 0.2.541 16 0.75mm ² 0.0 0.2.541 0.05mm ² 0.0 0.0 0.2.541 0.05mm ² 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 | XX*= PLATING SUFFIX. SEE INDIVIDUAL CONTACT DRAWING. WIRE STRIP LENGTH: 0.175±0.025[4.45±0.64]. BROKEN OR MISSING (SEE SECTION AA CENNP TEKSILE STRENGTH IS DETERMINED AT A PULL RATE SPEED REMOVED FOR TEST. ACTUAL CRMP TENSILE STRENGTH DEPENDS ARE FOR REFERENCE ONLY. INSULATION DAMETER RANGE IS DETERMINED BY CONNECTOR AN INSULATION RANGE. 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. 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 | Insolution Insolution <thinsolution< th=""> Insolution Insoluti</thinsolution<> | 18 AWG 0.049[1.24] 0.094[2.39] 0.75mm ² 0.048[1.22] 0.094[2.39] 16 AWG 0.050[1.27] 0.079[2.01] 1.00mm ² 0.060[1.27] 0.079[2.01] 18 AWG 0.049[1.22] 0.079[2.01] 0.75mm ² 0.048[1.22] 0.079[2.01] 0.75mm ² 0.048[1.22] 0.079[2.01] 20 AWG 0.048[1.22] 0.079[2.01] 2.50mm ² 0.048[1.24] 0.079[2.01] 0.50mm ² 0.048[1.44] 0.079[2.01] 0.50mm ² 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 ² 0.055(1.40] 0.094(2.39) 1.50mm ² 0.055(1.40] 0.094(2.39) 1.00mm ² 0.055(1.40] 0.094(2.39) 1.00mm ² 0.055(1.40] 0.094(2.39) 1.00mm ² 0.055(1.40] 0.094(2.39) 1.50mm ² 0.055(1.50m ²) 0.094(2.50m ²) 1.50mm ² 0.055(1.50m ²) 0.094(2.50m ²) 1.50m ² 0.055(1.50m ²) 0.094(2.50m ²) 1.50m ² 0.094(2.50m ²) 0.094(2.50m ²) 0.094(2.50m |
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| 4 | | 7.5 | 10 | 13 | 18 | TEST | ONTACT RES | | AT60-16-06** | AT60-16-01** | AT60-14-01** | PIN | FAMPED CONT | | AT60-202-16** | LID CONTACT PIN | | | 4 | |
| | | | | | | 60 | MILLIVOLT | (LESS DROP THROUGH WIRE) | | AT62 | AT62 | AT62 | SO | STAMPED CONTACT PART NUMBERS | - | AT62- | SOLID CONTACT PART NUMBERS | | | |
| | | | 100 | 100 | 100 | | D DROP S&F | RENGTH | | AT62-16-06** | AT62-16-01** | AT62-14-01** | SOCKET | IBERS | | AT62-201-16** | ERS | | | |
| | | 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 ⁺] | WIRE SIZE | | 16-20 [1 5-0 5] | WIRE SIZE AWG(mm ²) | | | |
| S | | STAMPED CONTACT PLATING OPTIONS: A 22= NICKEL 44= GOLD* 88= SELECTIVE GOLD* 88= SELECTIVE GOLD* 60LD'= PLATING IS AVAILABLE (RECOMMENDED) FOR 0NLY(-SV) CIRCULT APPLICATIONS MATERIALS AND PLATINGS ARE RoHS COMPLIANT | 41= NICKEL | SOLID MACHINED CONTACT PLATING OPTIONS: | | 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 INSULATION | [000 - 100] | 0.25-0.31 [6.35-7.92] | RECOMMENDED STRIP LENGTH INCH [mm] | - | | Σ |
| | | ATING OPTIONS: A | | FACT PLATING OPTIC | | DY WITH STAINLESS | | FICATION * 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 | _ | 25 [111] | MIN CONTACT RETENTION LBS [N] | | | |
| | | | IONS: | | | | | | .08] 25 [111] | .08] 25 [111] | .08] 25 [111] | | MIN CONTACT | | 35-20 [156-89] | REF CRIMP TENSILE LBS [N] | | | | |
| | | 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 ⁰ 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. | ALL DIMENSIONS ARE INCHESIMM]. ALL FORCES ARE IN "LBS"(POUNDS) AND "[N]" (NEWTONS). | UNLESS OTHERWISE SPECIFIED | | 57] 13 | 13 | 13 | CONTINUOU | MAX RATED | | | | | | 2 |
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| <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 | → |
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