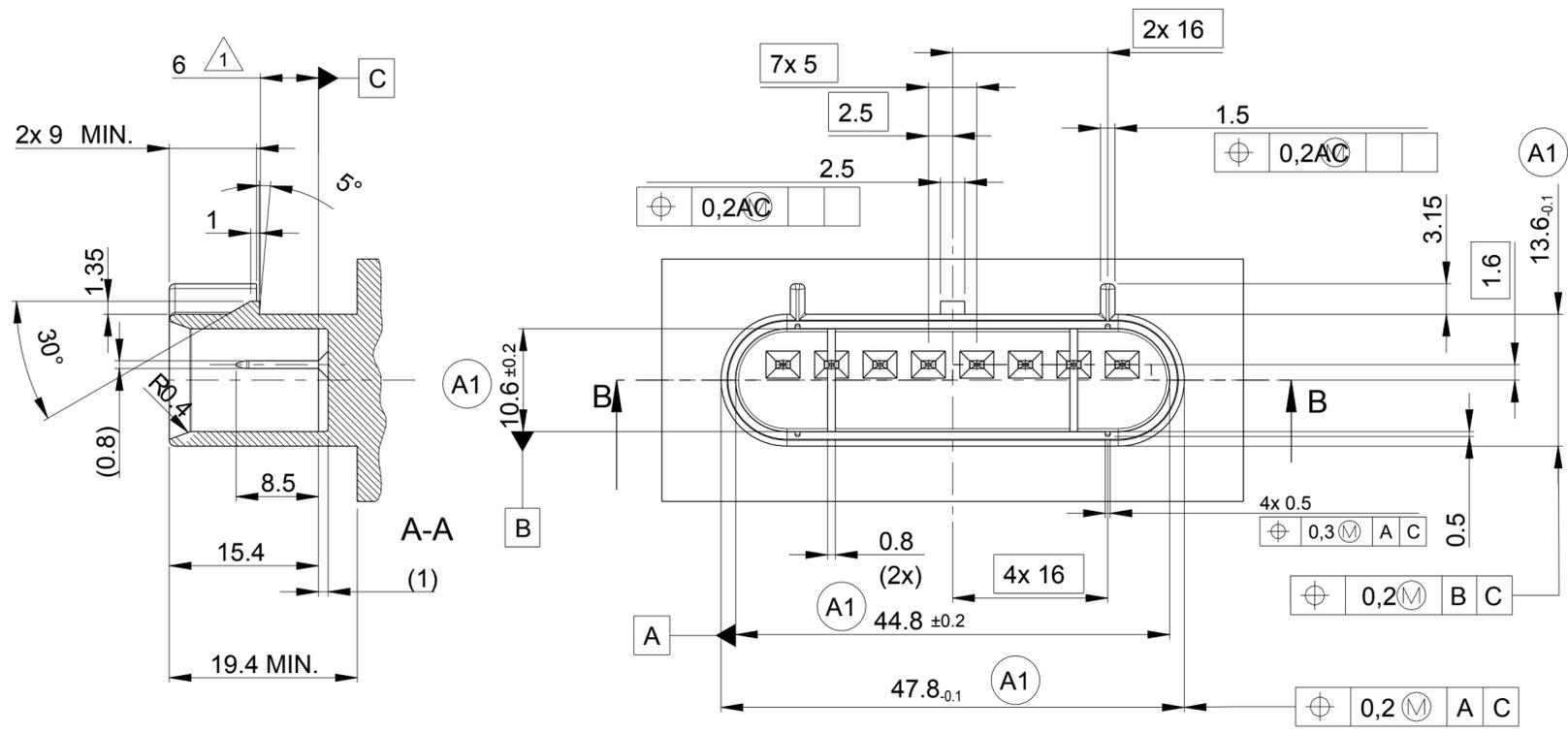
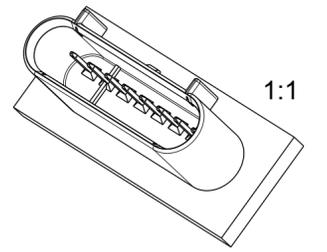
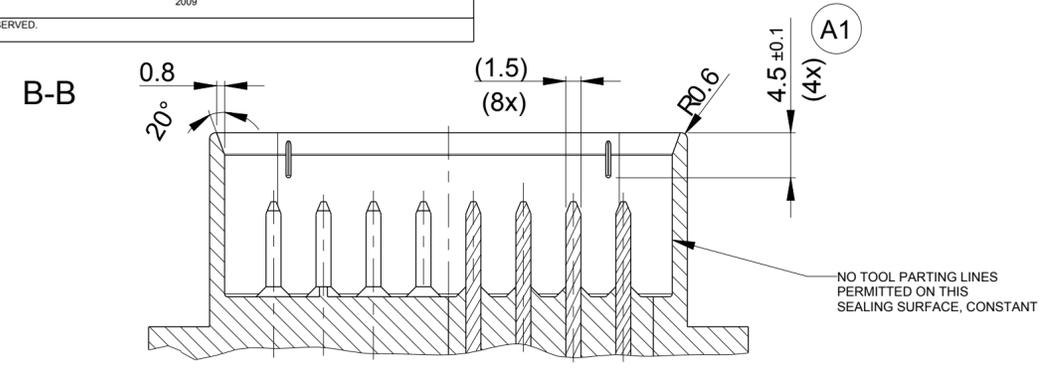


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REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN APVD
A1		Drawing update	16DEC2010	YA HR



MALE TERMINAL AND ELECTRICAL REQUIREMENTS
 (EXCEPTIONS MUST BE APPROVED BY THE RESPONSIBLE ENGINEER)

BASE MATERIAL - COPPER ALLOY

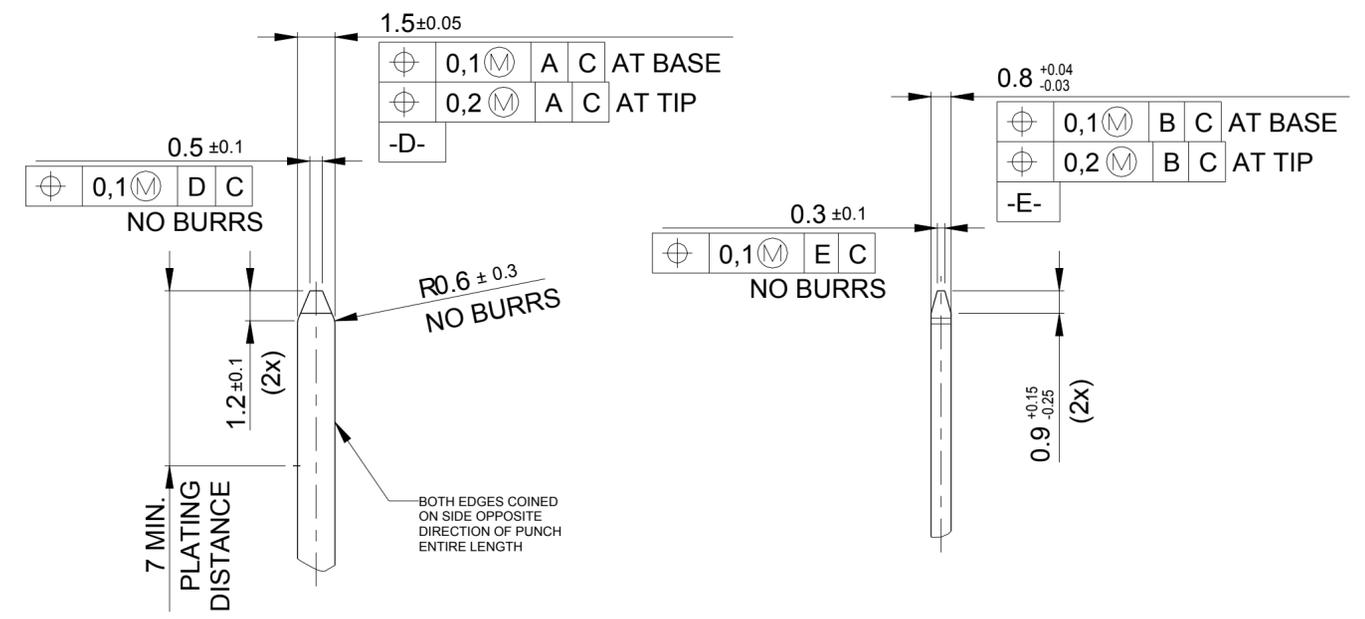
ELECTRICAL CONDUCTIVITY - $\geq 28\%$ IACS AT 20° C (AS ANNEALED).
 USE OF MATERIALS WITH CONDUCTIVITY $< 28\%$ IACS OR NON-COPPER ALLOYS ARE ACCEPTABLE WHEN APPROVED BY THE RESPONSIBLE ENGINEER.

CONTACT AREA PLATING - (PLATING ACCORDING TO SPEC. NUMBERS: ES-F8DB-14A229-AA, BA, CA, DA)
 TIN - FOR UP TO 125° C MAX. CONTINUOUS TEMPERATURE
 BARRIER PLATE - (OPTIONAL FOR SOLDERABILITY) UNDERPLATE WITH COPPER
 0.0050MM (100 MICRO-INCHES) MIN. THICKNESS.
 TOP LAYER - 0.0050± 0.0025MM (200 MICRO-INCHES) TIN

PRECIOUS METAL - (WHEN SPECIFIED)
 BARRIER PLATE - (OPTIONAL FOR SOLDERABILITY) UNDERPLATE WITH COPPER
 0.0025MM (100 MICRO-INCHES) MIN. THICKNESS.
 INTERMEDIATE LAYER #1 - NICKEL - 0.0012MM (50 MICRO-INCHES) MIN. NICKEL ELECTROPLATE
 INTERMEDIATE LAYER #2 - (OPTIONAL) - 0.001MM (40 MICRO-INCHES) MIN. PALLADIUM ELECTROPLATE
 TOP PLATING - 0.0001MM (4 MICRO-INCHES) MIN. HARD-GOLD ELECTROPLATE IF INTERMEDIATE LAYER #2 IS APPLIED.
 - 0.0005MM (20 MICRO-INCHES) MIN. HARD-GOLD ELECTROPLATE IF INTERMEDIATE LAYER #2 IS NOT APPLIED.

PROCESS LUBRICANT:
 ANY PROCESS LUBRICANT REMAINING ON THE TERMINAL MUST NOT VARNISH OR DEGRADE ITS ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE/USCAR-2 FOR 1008 HOURS. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.

TERMINAL BLADE DETAIL



NOTES:
 OLD DIMENSION WAS 6 ± 0.3 mm
 FOR NEW DESIGNS 5.9 ± 0.1 mm

DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± . 3 PLC ± . 4 PLC ± . ANGLES ± 1° FINISH		DWN M. TRAJKOV 08JUL2009 CHK H. RIPPER 08JUL2009 APVD - PRODUCT SPEC - APPLICATION SPEC - WEIGHT -	Tyco Electronics Tyco Electronics AMP GmbH 64625 Bensheim (Germany)
MATERIAL - FINISH -		NAME INTERFACE SPECIFICATION FOR 8POS. SOCKET HOUSING 1.5mm YAZAKI	SIZE A2 CAGE CODE 00779 DRAWING NO. 114-18999 RESTRICTED TO -
CUSTOMER DRAWING		SCALE 2:1	SHEET 1 OF 1 REV A1