

LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN APVD
HK	00		CI	REVISED PER ECO-11-005030	30APR2011	RK HMR

D

C

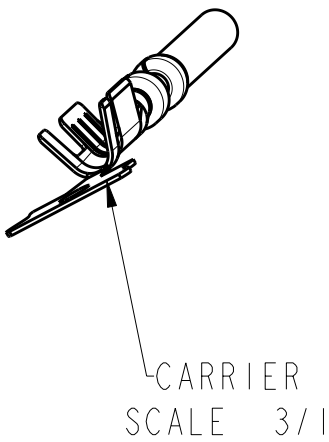
B

A



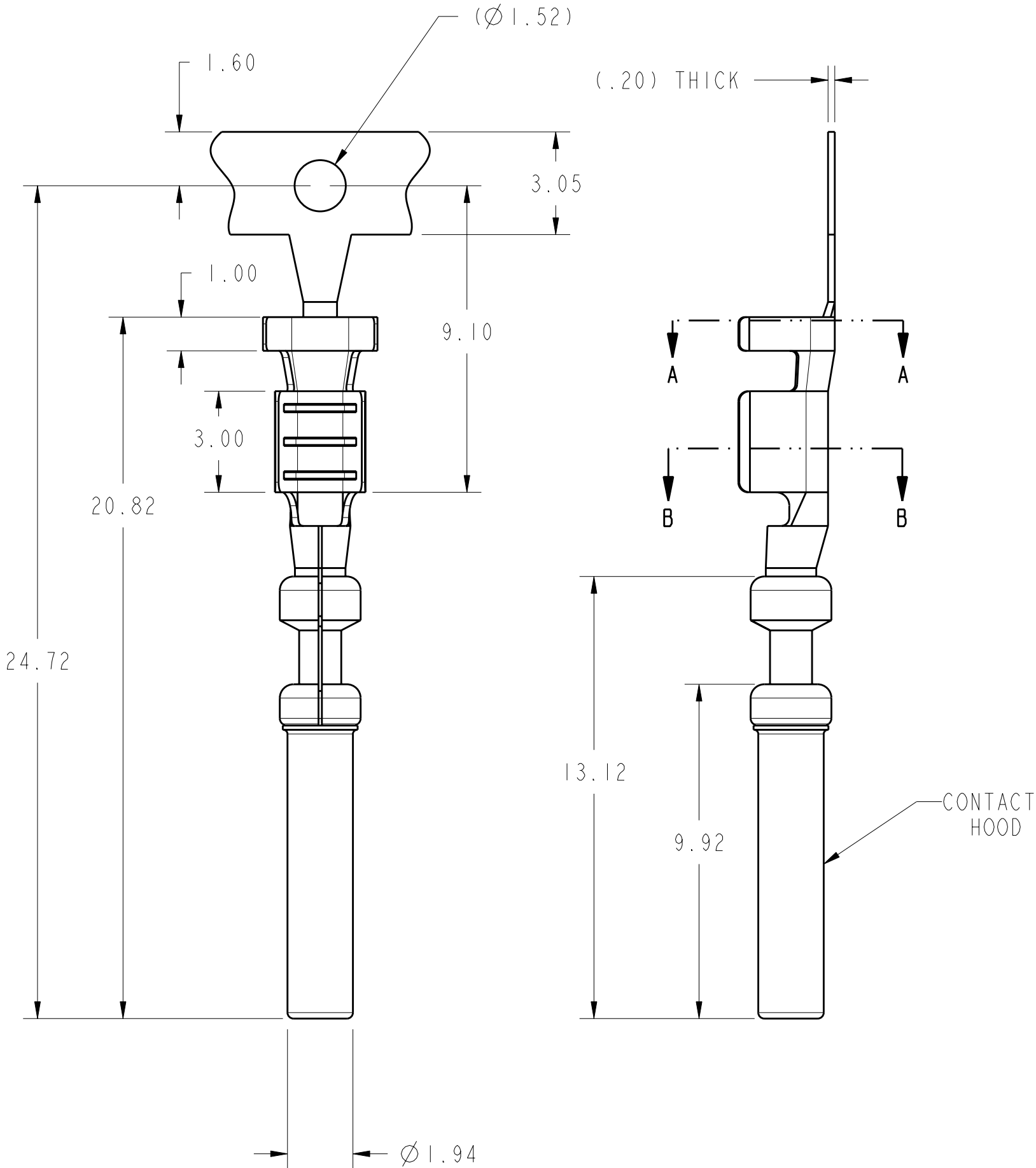
SECTION A-A

SECTION B-B



NEAR SIDE

PARTS ARE REELED WITH SADDLES POINTING OUT AND THE CARRIER ON THE NEAR SIDE. CONTACTS ARE TO HAVE A SULFUR FREE PAPER BETWEEN COILS. THERE ARE 7000 TERMINALS PER REEL. THE TERMINALS ARE ON A 8.0 MM SPACING.



NOTE(S):

1. BASE MATERIALS:
CONTACT - HIGH CONDUCTIVITY COPPER ALLOY.
HOOD - STAINLESS STEEL.
2. PLATING:
CONTACT - NICKEL UNDERPLATE. TIN PLATING IN CRIMP AREA.
GOLD PLATE IN ELECTRICAL ENGAGEMENT AREA.
HOOD - PASSIVATED OR GOLD PLATED (SEE TABLE).
3. SEE TABLE FOR RECOMMENDED CRIMP SPECIFICATIONS AND APPLICATION TOOLING.

D

C

B

A

SUGGESTED CRIMP SPECIFICATIONS AND APPLICATION TOOLING				
AWG WIRE SIZE	20	18	16	14
RECOMMENDED INSULATION DIAMETER RANGE (MIN/MAX)	1.77 / 2.46	1.77 / 2.46	2.18 / 2.92	2.18 / 2.92
RECOMMENDED CONDUCTOR CRIMP HEIGHT	1.00 ±.05	1.09 ±.05	1.18 ±.05	1.45 ±.05
RECOMMENDED CONDUCTOR CRIMP WIDTH	1.77	1.86	1.94	2.20
STRIP LENGTH	4.20 ± 0.25	4.20 ± 0.25	4.20 ± 0.25	4.20 ± 0.25
TE CONNECTIVITY HAND TOOL PART NUMBER	1456088-1	1456088-1	1456088-1 OR 91367-1	91367-1
MINIMUM CRIMP TENSILE STRENGTH (LBS)	19	24	28	35

1.6	3.00	2.78	2.9	4.10	STAINLESS STEEL	16-14	13002630102	1-1437284-0
1.1	2.64	2.47	3.3	3.40	STAINLESS STEEL	20-18	13002630101	0-1437284-9
E	D	C	B	A	HOOD FINISH	AWG	FORMER T&B PART NUMBER	TE CONNECTIVITY PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN J. REMOLL 08-15-01	 TE Connectivity								
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK J. REMOLL 08-15-01	NAME AUTOMOTIVE SOCKET CONTACT 20 - 14 AWG WIRE (1mm SYSTEM)								
		APVD J. REMOLL 08-15-01											
		PRODUCT SPEC -											
MATERIAL SEE NOTES		1 PLC ±.1		APPLICATION SPEC -		SIZE A2		CAGE CODE 00779		DRAWING NO C-1456216		RESTRICTED TO -	
		2 PLC ±.13											
		3 PLC ±.050											
		4 PLC ±0.0001											
		ANGLES ±2											
		FINISH		WEIGHT -									
				CUSTOMER DRAWING				SCALE 7/1		SHEET 1		OF 1	
												REV CI	

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[TE Connectivity:](#)

[1-1437284-0](#)