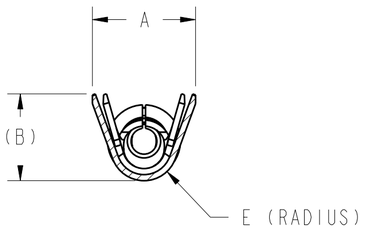
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION 20
© COPYRIGHT 20 - ALL RIGHTS RESERVED.

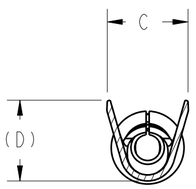
LOC	DIST
HK	00

REVISIONS

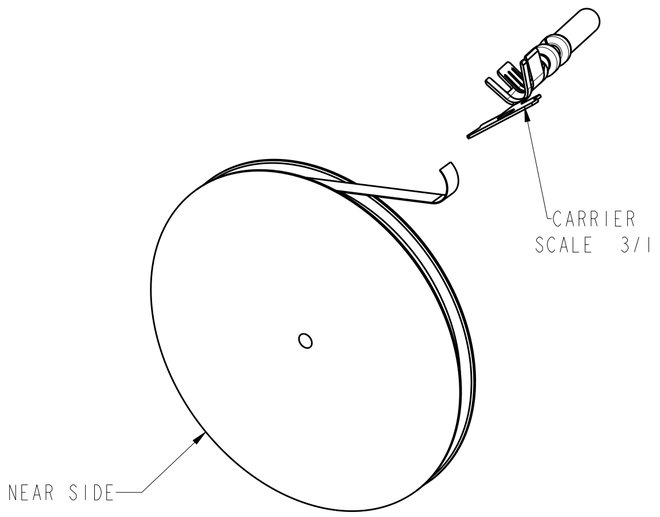
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C1	REVISED PER ECO-11-005030	30APR2011	RK	HMR



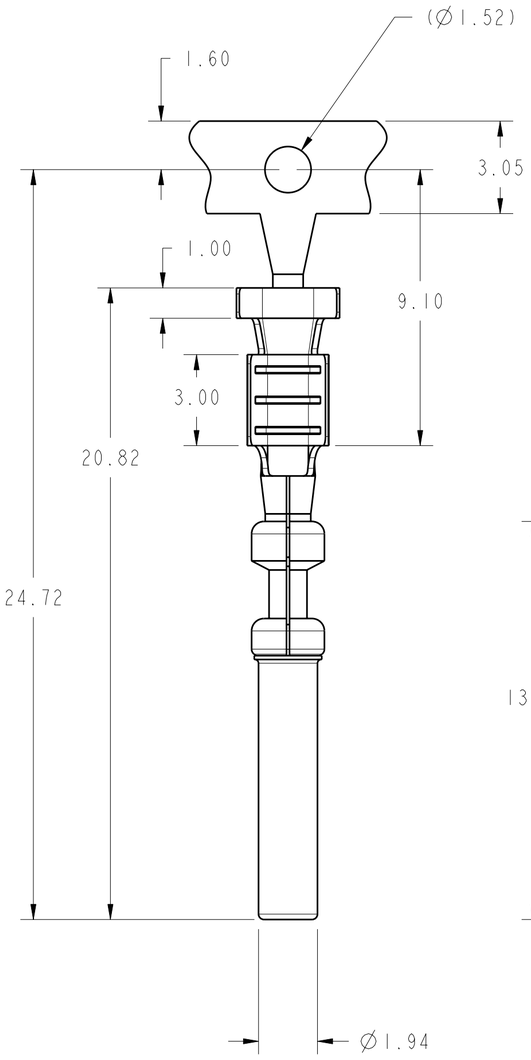
SECTION A-A

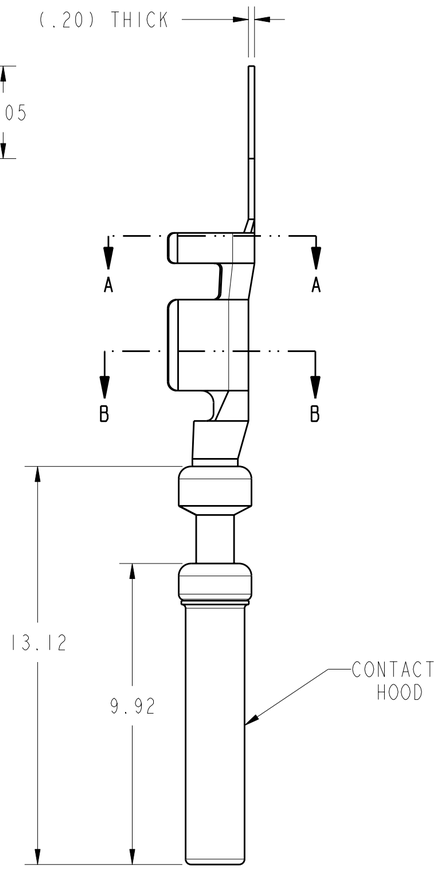


SECTION B-B



PARTS ARE REELED WITH SADDLES POINTING OUT AND THE CARRIER ON THE NEAR SIDE. CONTACTS ARE TO HAVE A SULFER 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.

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
CHK J. REMOLL 08-15-01
APVD J. REMOLL 08-15-01

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.1
2 PLC ±.13
3 PLC ±.050
4 PLC ±0.0001
ANGLES ±2

MATERIAL SEE NOTES
FINISH -

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME AUTOMOTIVE SOCKET CONTACT 20 - 14 AWG WIRE (1mm SYSTEM)

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1456216	-

CUSTOMER DRAWING | SCALE 7/1 | SHEET 1 OF 1 | REV C1

Downloaded from Arrow.com.