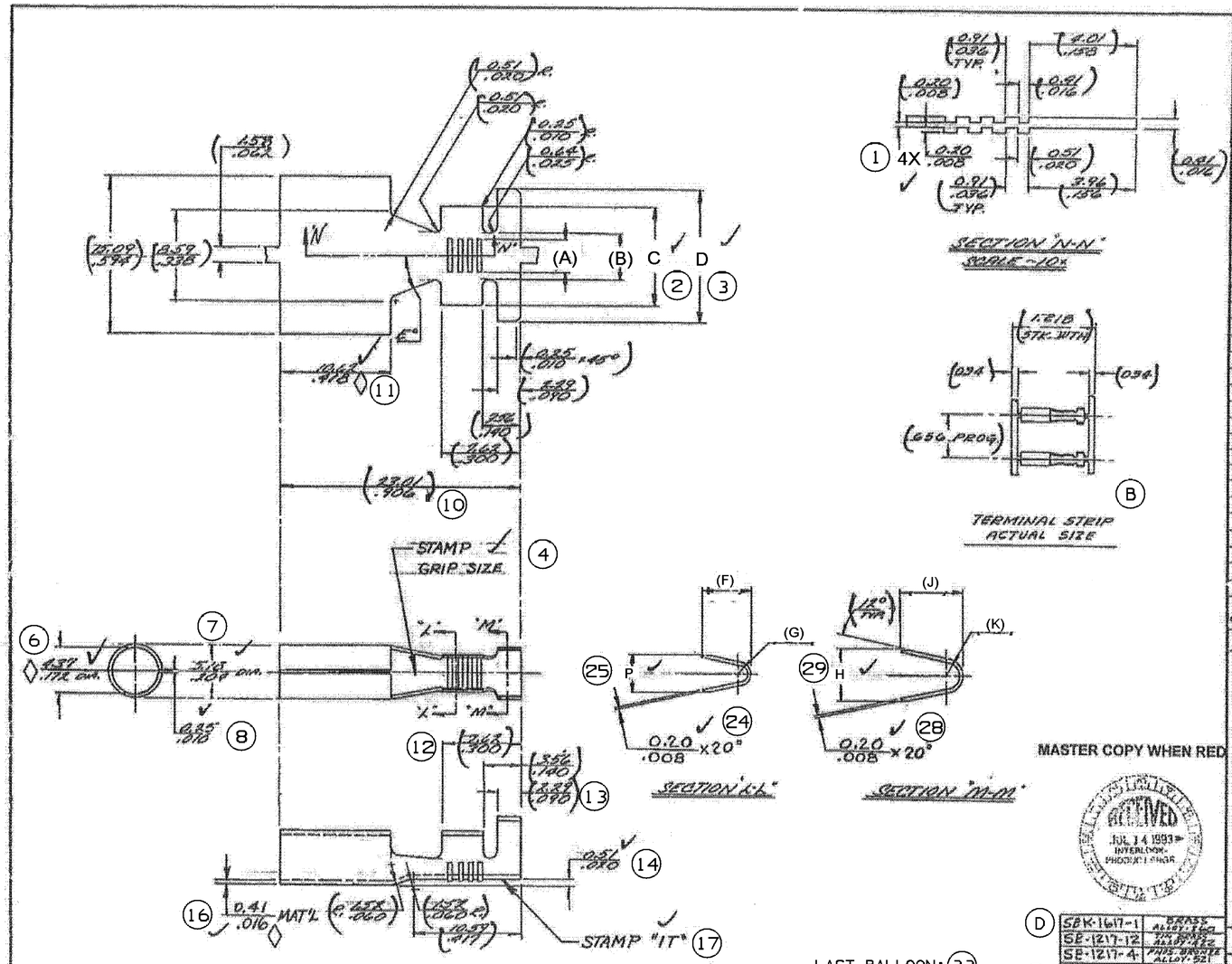
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG						
05MR13	R	01	-	-		ALL PARTS - RELEASED TOOL QUALIFICATION DRAWING AND ADDED INSPECTION SYMBOLS/ BALLOON	421527	CGD	JAA	RLG
21JN13	R	02	-	-		15518454 - OBSOLETE AND REPLACED BY 02984744; 02984744 - WAS SEPARATE DRAWING	423036	CGD	JAA	RLG



	PART NO (PLATED)	PART NO (UNPLATED)	GAGE	(A)	(B)	C	D	(E)	(F)	(G)	H	(J)	(K)	P
D	SBK 1617-1		16H	2.29 .090	4.57 .180	5.86 .230	12.70 .500	21°44'	3.30 .130	0.76 .030	4.83 .190	5.84 .230	1.27 .050	3.05 .120
	SB 1217-12		12H	3.15 .124	4.57 .180	9.40 .370	12.70 .500	21°44'	4.57 .180	0.76 .030	4.83 .190	4.06 .160	1.27 .050	3.56 .140
	SB 1617-12		16-18	2.29 .090	4.57 .180	6.86 .270	9.40 .370	21°44'	4.57 .180	0.76 .030	4.32 .170	4.06 .160	1.27 .050	3.05 .120
	SB 2017-12		20	1.88 .074	3.56 .140	5.54 .218	8.13 .320	28°6'	2.54* .10	0.51 .020	3.81* .150	3.56* .140	1.02 .040	2.54* .10
	PART No (UNPLATED)	PART No (PLATED)	GAGE	(A)	(B)	C	D	(E)	(F)	(G)	H	(J)	(K)	P

.150 .100

	PART No.	MAT'L.
D	SBK-1617-1	BRASS ALLOY-360
	SB-1217-12	TIN PLATED BRASS-ALLOY-422
	SB-1217-4	PHOS. BRONZE ALLOY-521
31	SB-1217-2	TIN PLATED BRASS-ALLOY-260
	SB-1217-1	BRASS ALLOY-260
	SB-1617-12	TIN PLATED ALLOY-422
32	SB-1617-4	PHOS. BRONZE ALLOY-521
	SB-1617-2	TIN PLATED BRASS-ALLOY-260
	SB-1617-1	BRASS ALLOY-260
	SB-2017-12	TIN PLATED ALLOY-422
	SB-2017-4	PHOS. BRONZE ALLOY-521
33	SB-2017-2	BRASS ALLOY-260
	SB-2017-1	BRASS ALLOY-360

DATE	SYM.	REVISION	AUTH.	DR.	CK.
7-22-70	A	UPDATED			
1-9-75	B	ADDED TERM. STR. VIEW			
5-19-75	C	ADDED 'IN-PROCESS' DATA			
5-22-81	D	ADD PART No. 'SAN-1617-1'			
"	"	ADD MATL. CHART			
3-3-84	E	CHANGED FORCE NOTE	KW		
7-3-89	F	REVISED COIN DIM.	ECR 89-029		
7-13-93	G	REVISED FORCE NOTES.		JF	

PART NAME: CONNECTOR, TERMINAL
PART NUMBER: SB 1617-12 OBSOLETE
DWG NUMBER: 046

FORCES NOTES:-

* PART-TO-PART:
  INSERTION - 11 LBS. MAX (REF) ✓
  REMOVAL - 3-11 LBS. (REF)

* USING .178 $^{+0}_{-.0005}$ DIA. POLISHED STEEL GAGE PIN WITH FULL RADIUS NOSE:
  INSERTION - 8 LBS. MAX ✓
  REMOVAL - 2 LBS MIN.

◊-INDICATES CRITICAL DIMENSION ✓

MASTER COPY WHEN RED

APPROVED JUL 14 1993 INTERLOCK-PRODUCT ENGR

UNCONTROLLED

ALL DIMENSIONS IN MM WITH INCH EQUIVALENTS

UNLESS OTHERWISE SPECIFIED

TOL.	MM	INCHES
1 PLACE	±0.25	±.010
2 PLACES	±0.15	±.005
ANGLE	±1°	±1°

DO NOT SCALE

MATERIAL (.016 THK) SEE CHART

INTERLOCK TERMINAL CORPORATION

DRAWN: R. Alice 1-21-72
CHECKED: CGD'Neal 2-14-72
APPROVED: R. PETERSON 2-15-72
SCALE: 4X
REFERENCE: CHRYSLER 1922611, MS 4793, TERM. PER PF 752
PART NAME: CONNECTOR TERMINAL
PART NUMBER: SB 1617-12 OBSOLETE

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.

2. DIFFERENCE BETWEEN BOTH WINGS TO BE 0.3MM MAX.

3. FOR PPAP. USE CHART ON DELPHI FORMAT.

*INDICATES INSIDE DIM

PART NO	GAGE	(A)	(B)	C	D	(E)	(F)	(G)	H	(J)	(K)	P
SBK 1617-1	16H	2.29	4.57	6.86	12.7	21° 44'	3.3	0.76	4.83	5.84	1.27	3.05
SB 1217-12	12H	3.15	4.57	9.4	12.7	21° 44'	4.57	0.76	4.83	5.84	1.27	3.56
SB1617-12	16-18	2.29	4.57	6.86	9.4	21° 44'	3.3	0.76	4.32	4.06	1.27	3.05
SB 2017-12	20	1.88	3.56	5.54	8.13	28° 6'	2.54*	0.51	3.81*	3.56*	1.02	2.54*

PART NUMBER	REV	PART NUMBER	REV	N/P	MAT'L SPEC	REPLACED BY
MVL		DELPHI				
SB-1617-12	G	02984744	B3	-	M6581H99	-
SB-2017-12	G	15518455	01	-	M6581H99	-
SB-1617-2	G	15518460	01	-	M6697H99	-
SB-1617-12	G	15518454	01	AA	M6581H99	02984744
SB-1617-1	G	15518456	01	-	M6652H99	-
SB-1217-2	G	15518459	01	-	M6697H99	-
SB-1217-12	G	15518453	01	-	M6581H99	-
SB-1217-1	G	15518452	01	-	M6652H99	-

A ____ LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: TOOL QUALIFICATION DRAWING

STYLE

VOLUME (CUFT)

DISTR CODE: IND

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS MODIFIED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE SHARED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

TOLERANCE UNLESS OTHERWISE SPECIFIED:
DECIMAL: ANGULAR ±2°
TWO PLACE SEE DRAWING
THREE PLACE SEE DRAWING

THIRD ANGLE PROJECTION

DO NOT SCALE
USE MATH DATA

NX

	DR	DATE
APVD1	CARLOS DELGADILLO	05MR13
APVD2	J.S. ALVARADO	05MR13
APVD3	RAFAEL LOPEZ	05MR13
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (094900)

MATERIAL: SEE CHART

DRAWING NAME: ASM TERM MIXED UNKN

DRAWING NUMBER: 15521594

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	NONE	1 OF 1	2 OF 2	R	02	-

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

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