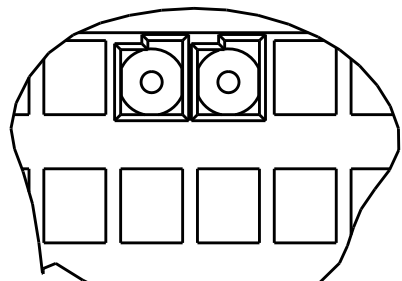
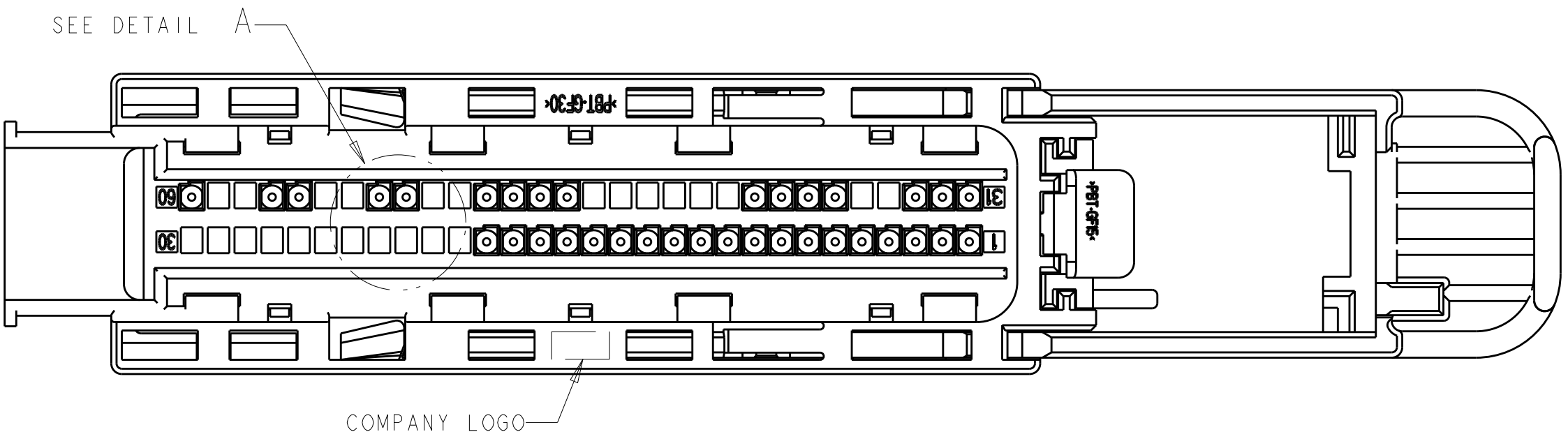
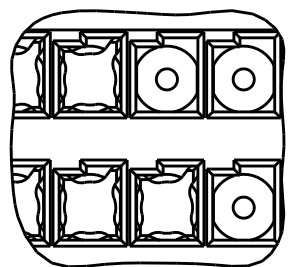
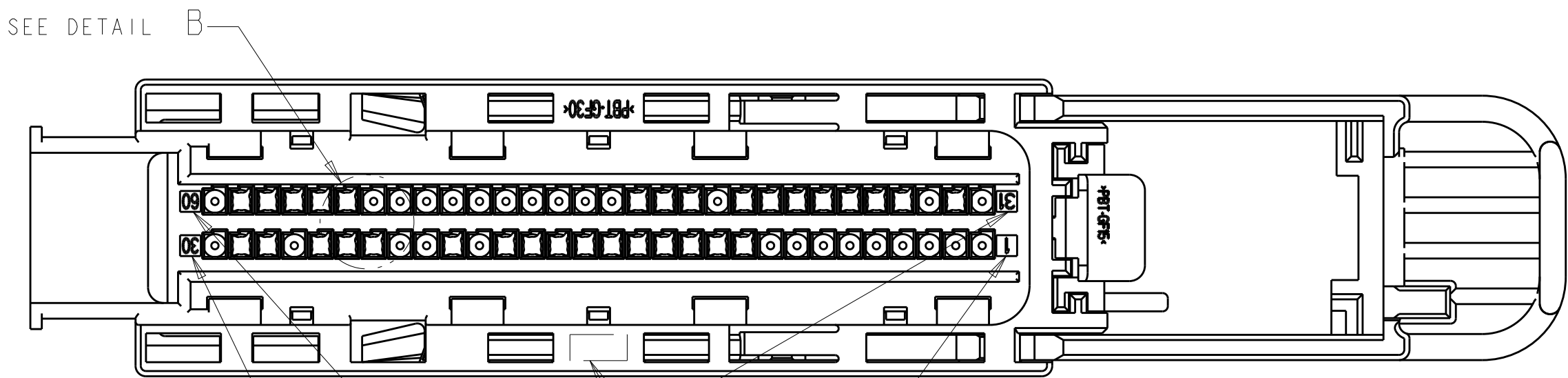


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	BA3	REVISED PER ECO-15-004852	21MAR2015	DLD	DLD

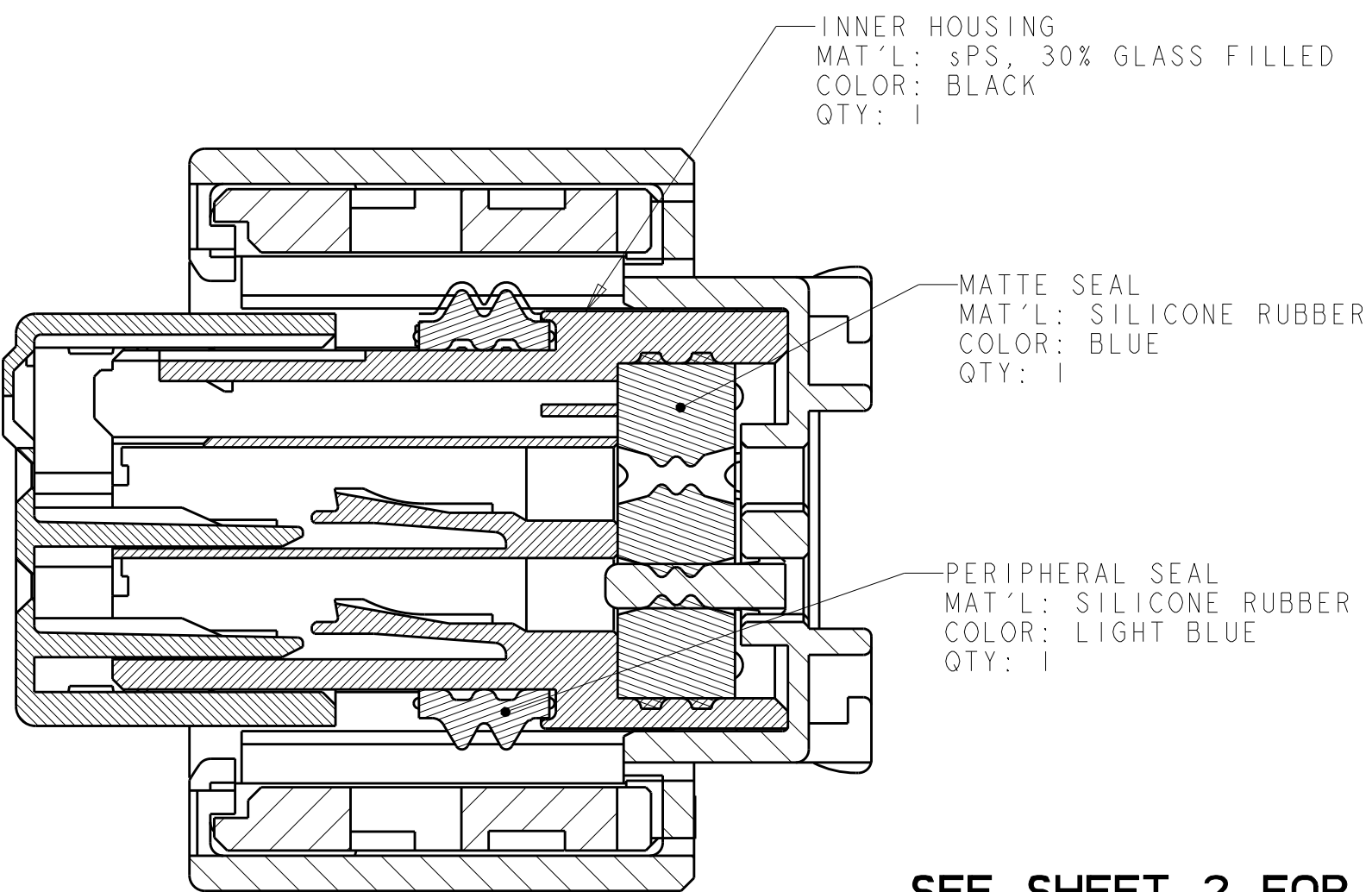
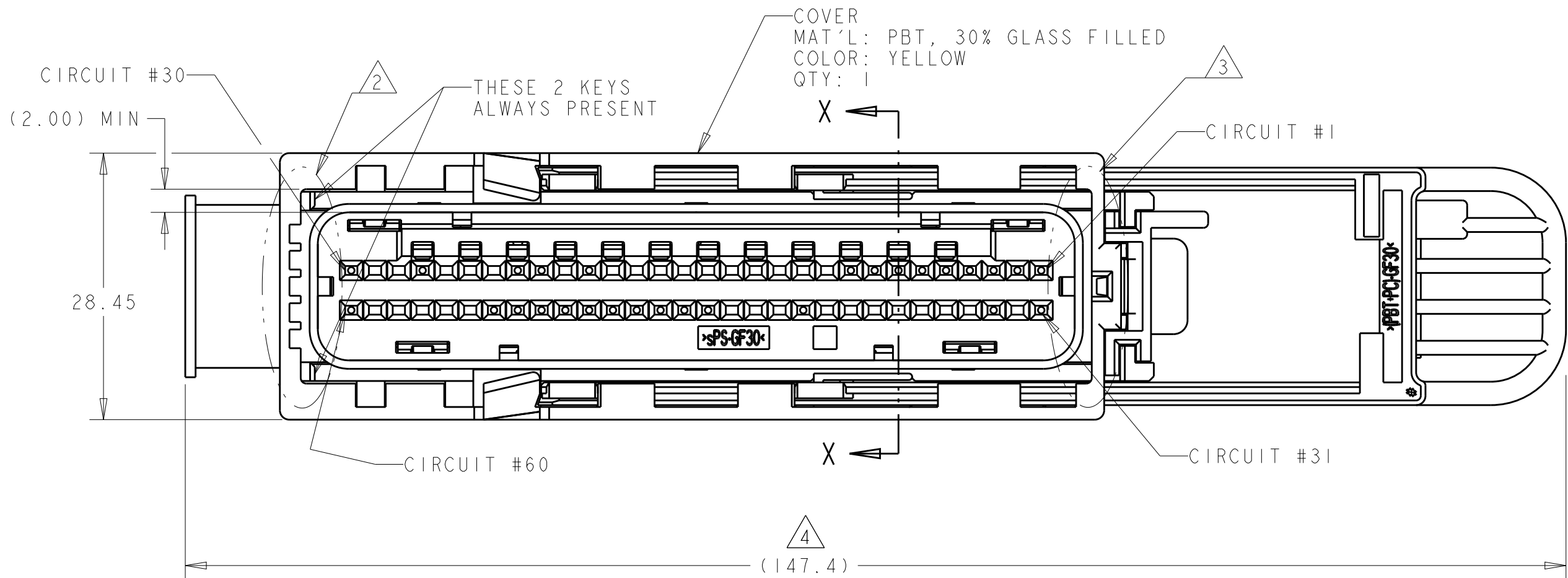
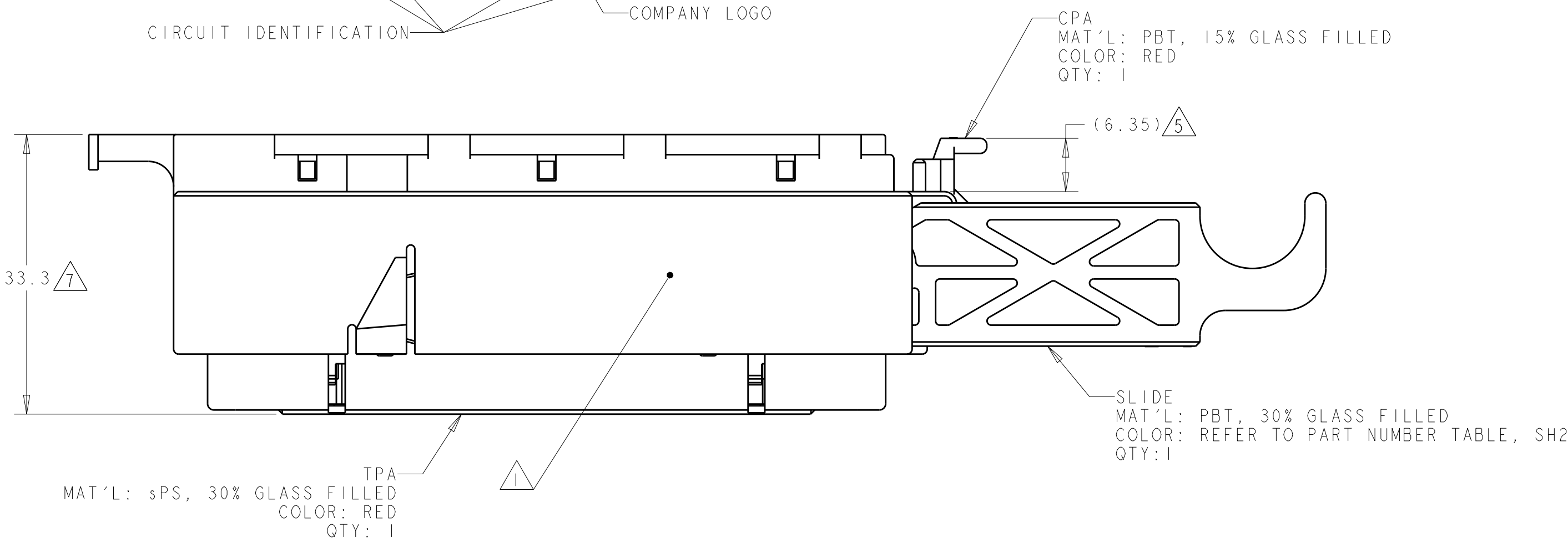


DETAIL A
SCALE 4:1

ALTERNATE CONSTRUCTION



DETAIL B
SCALE 4:1



SECTION X-X
SCALE 4:1

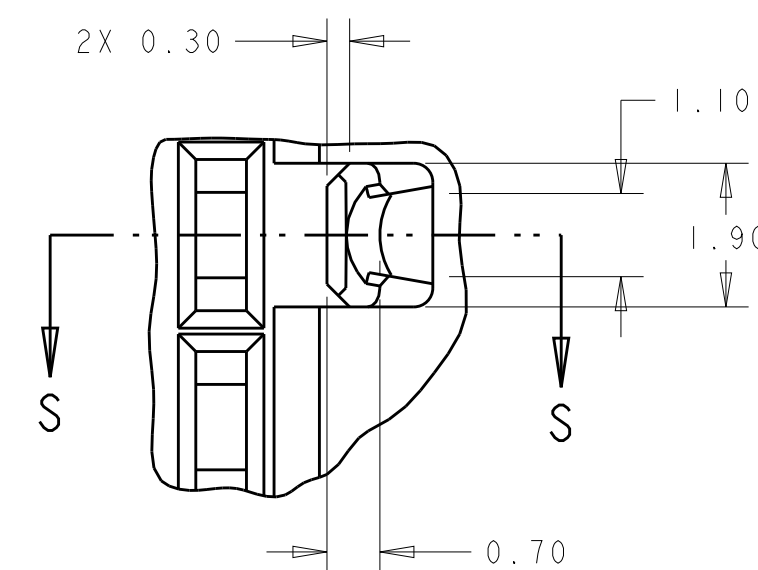
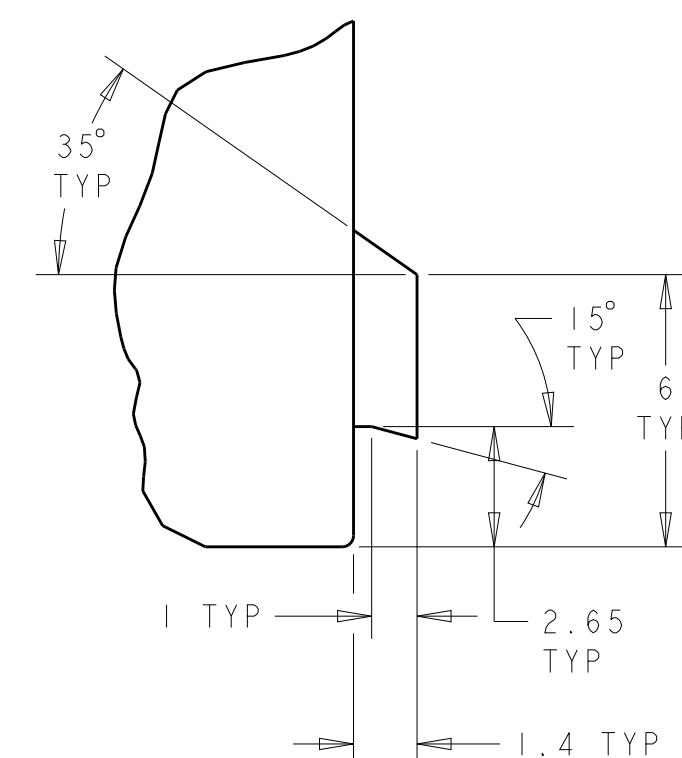
SEE SHEET 2 FOR HEADER INTERFACE SPECIFICATION,
SHEET 6 FOR KEYING ARRANGEMENTS,
AND SHEETS 7, 8 & 9 FOR CIRCUIT ARRANGEMENTS

- △ TE CONNECTIVITY (TE) PART NUMBER AND JULIAN DATE CODE MARKED ON THIS SIDE.
- △ SEE KEYING ARRANGEMENT TABLE FOR KEYWAY LOCATIONS, SEE SHEET 6.
- △ SEE KEYING ARRANGEMENT TABLE FOR KEY LOCATIONS, SEE SHEET 6.
- △ SLIDE SHOWN IN UNLOCKED POSITION.
- △ CPA SHOWN IN UNLOCKED POSITION.
- △ NOTE DELETED.
- △ TPA SHOWN IN UNLOCKED POSITION.
- 8. REFER TO DRAWING C-638623 AND/OR C-1488143 FOR MATING CONNECTOR INFORMATION.
- △ NOT FOR PRODUCTION USE.
- 10. MISCELLANEOUS COMPONENT ENGAGE/DISENGAGE FORCE, SAE/USCAR-2, SECTION 5.4.4.4, G.M. APPROVED DEVIATION: TPA (PRE-SET TO FULL) FORCES TO BE 15 TO 55 NEWTONS.
- 11. MISCELLANEOUS COMPONENT ENGAGE/DISENGAGE FORCE, SAE/USCAR-2, SECTION 5.4.4.4, G.M. APPROVED DEVIATION: CPA (PRE-SET TO FULL) FORCES TO BE 7 TO 30 NEWTONS.
- 12. POLARIZATION FEATURE EFFECTIVENESS, SAE/USCAR-2, SECTION 4.3.4, G.M. APPROVED DEVIATION: DURING MISMATING FORCE TESTING CERTAIN CONNECTOR/HEADER COMBINATIONS MAY ALLOW ELECTRICAL CONTACT OF UP TO 26 PINS BELOW THE REQUIRED 220 NEWTON FORCE.
- 13. CONNECTOR-CONNECTOR MATING/UNMATING FORCE, SAE/USCAR-2, SECTION 5.4.2.4, G.M. APPROVED DEVIATION: MATING FORCE IS ACCEPTABLE FOR THE CONNECTOR/HEADER SYSTEM UP TO 50 TERMINALS AT ≤ 75 NEWTONS.
- 14. APPLICABLE TE GET FEMALE TERMINALS: FOR 0.22/0.35 WIRE SECTION, TERMINAL PART NUMBER 1393364-2 FOR 0.50/0.0.75 WIRE SECTION, TERMINAL PART NUMBER 1393365-2
- 15. REFER TO POGO PIN FOR GET SOCKET TERMINAL ON TE DRAWING #114-18411 FOR CONTINUITY TESTING.
- △ PRELIMINARY NOT RELEASED FOR PRODUCTION.

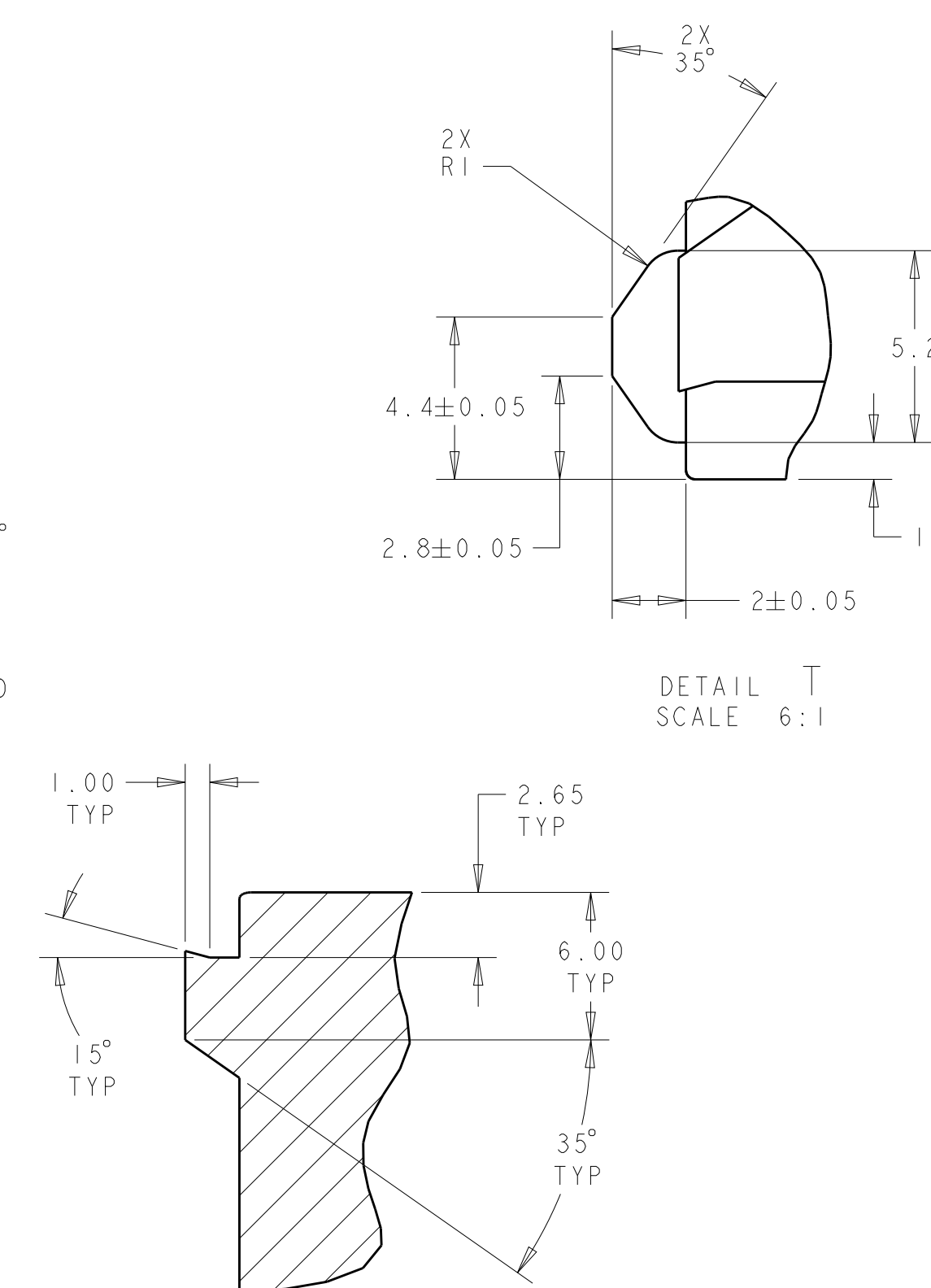
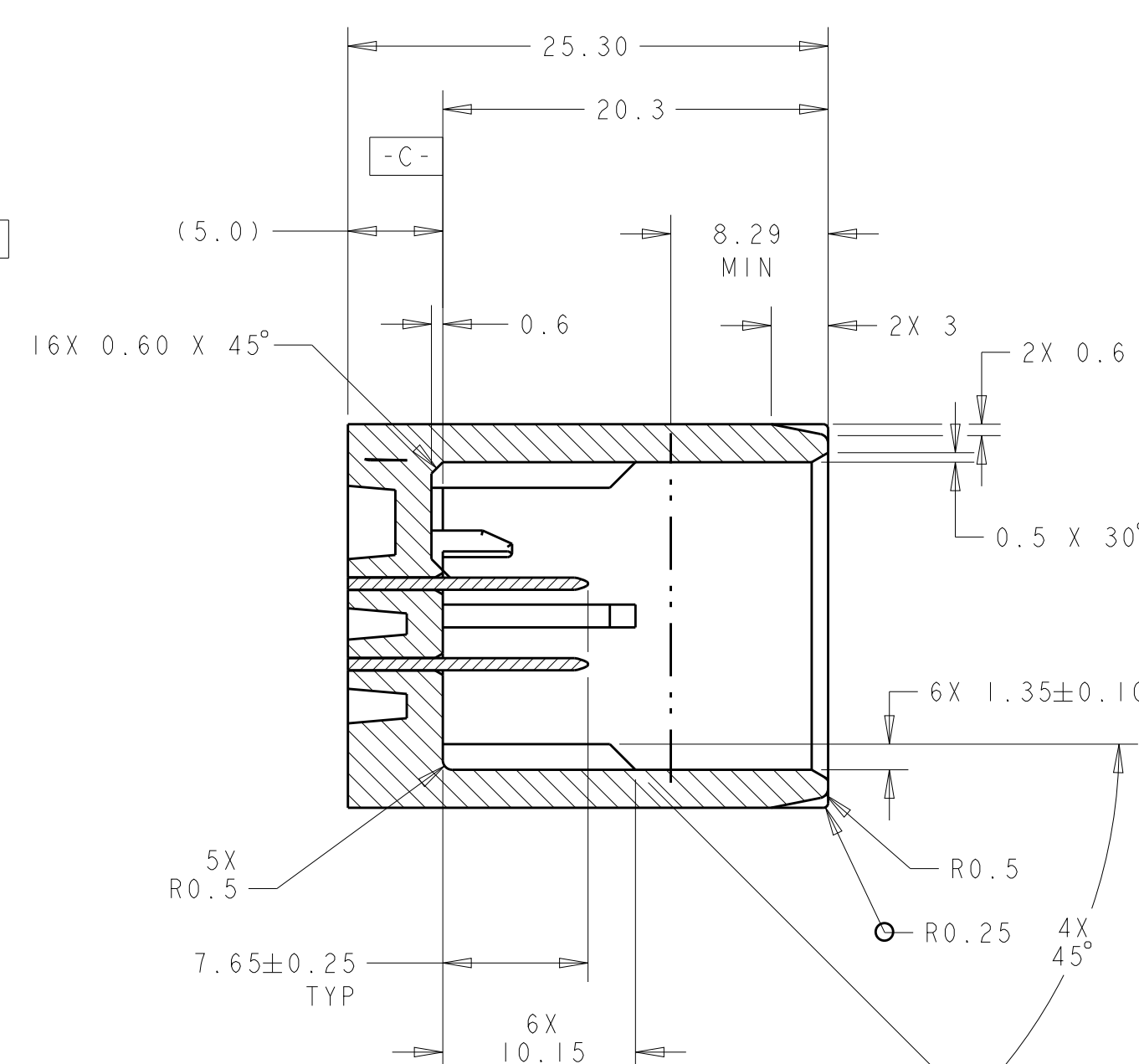
SEE SHEET 3

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.R. SHUEY 31MAR2000	TE Connectivity	
DIMENSIONS:		CHK V.KANE 31MAR2000		
mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD J.M. MYER 31MAR2000	NAME	ASSEMBLY, FEMALE, 60 WAY GET-SDM CONNECTOR (SHUNTLESS VERSION)
0 PLC ±0.5	1 PLC ±0.20	PRODUCT SPEC	SIZE	114-13060
2 PLC ±0.20	3 PLC ±0.20	APPLICATION SPEC	CAGE CODE	DRAWING NO.
4 PLC ±0.20	ANGLES ±0.5	WEIGHT	RESTRICTED TO	
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE	2:1
SEE CALLOUT	SEE CALLOUT		SHEET	1 OF 10



1. PART MUST CONFORM TO THE LATEST LEVEL OF USCAR DATED 951010.
2. ALL PLASTIC PARTS MUST HAVE MATERIAL IDENTIFICATION SYMBOLS CLEARLY MARKED, WHEREVER PACKAGE SIZE PERMITS.
3. GENERAL TOLERANCES: ± 0.2 ALL ONE PLACE DIMENSIONS, ± 0.1 ALL TWO PLACE DIMENSIONS, $\pm 2^\circ$ ALL ANGULAR PLACE DIMENSIONS
4. ALL RADIUS ± 0.5 .
5. PIN PLATING DETAILS . . .
6. (SEALED INTERFACES ONLY) SEALING SURFACE MUST BE SMOOTH AND FREE OF PARTING LINES.
7. PARTS ARE TO BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PART.
8. DRAFT ANGLE PERMISSIBLE ONLY WITHIN PRINT TOLERANCE.
9. SEALING SURFACE, NO WITNESS LINES OR DAMAGE PERMITTED.
10. VENT HOLE SIZE AND LOCATION OPTIONAL.
11. THIS AREA TO REMAIN CLEAR FOR HARNESS ASSEMBLY.
12. HOUSING MATERIAL SELECTION BASED ON PERFORMANCE REQUIRED FOR END APPLICATION AND SOLDERING PROCESS.
POLYESTER (PBT) - 30% GLASS TESTED TO USCAR2, REV 3, CLASS 2,
MAX. AMBIENT 100 DEGREE C.
13. CIRCUIT NUMBERS 1.0 HIGH CHARACTERS RAISED 0.05 - 0.1 IN A
0.10 TO 0.15 RECESSED AREA.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.R. SHUEY 31MAR2000 CHK V. KANE 31MAR2000 APP'D J.M. MYER 31MAR2000		 TE Connectivity	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±. 1 PLC ±0.5 2 PLC ±0.20 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH ±.		NAME ASSEMBLY, FEMALE, 60 WAY GET SDM CONNECTOR (SHUNTLESS VERSION)	
MATERIAL		PRODUCT SPEC APPLICATION SPEC 114-13060		SIZE CASE CODE DRAWING NO A100779 C638595	
SEE CALLOUT		SEE CALLOUT		RESTRICTED TO - SCALE 2:1 SHEET 2 OF 10 REV A3	
		CUSTOMER DRAWING			

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

BLACK	C101	K3	5-184464-3
BLACK	C99	K6	5-184464-1
BLACK	C98	K1	5-184464-0
BLACK	C97	K3	4-184464-9
BLACK	C96	K6	4-184464-8
BLACK	C95	K1	4-184464-7
BLACK	C94	K1	4-184464-6
BLACK	C93	K1	4-184464-5
BLACK	C92	K6	4-184464-4
GREEN	C91	K6	4-184464-3

BLUE	C88	K3	3-184464-8
YELLOW	C86	K3	3-184464-6
BROWN	C85	K3	3-184464-5

GREY	C22	K7	3-184464-1
GREEN	C66	K3	3-184464-0
GREY	C65	K3	2-184464-9

BLACK	C79	K6	2-184464-6
BLACK	C78	K6	2-184464-5
BLACK	C77	K6	2-184464-4
BLACK	C53	K2	2-184464-3
BLACK	C76	K6	2-184464-2
BLACK	C72	K1	2-184464-1

BLACK	C70	K1	1-184464-9
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BLACK	C68	K1	1-184464-7
BLACK	C67	K1	1-184464-6

BROWN	C48	K4	184464-9
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BLACK	C58	K6	184464-5
BLACK	C57	K6	184464-4

SLIDE COLOR	CIRCUIT ARRANGEMENT (SEE TABLE ON SH. 5 & 6)	KEYING ARRANGEMENT (SEE TABLE ON SHEET 5)	PART NUMBER
----------------	---	--	-------------

9

BLACK	C3	K99	9-638595-7
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9

BLACK	C3	K99	8-638595-5
-------	----	-----	------------

BLACK	C48	K4	6-638595-4
YELLOW	C30	K4	6-638595-3
YELLOW	C47	K4	6-638595-2

GREEN	C19	K5	6-638595-0
GREY	C46	K3	5-638595-9
GREEN	C45	K3	5-638595-8

SLIDE COLOR	CIRCUIT ARRANGEMENT (SEE TABLE ON SH. 5 & 6)	KEYING ARRANGEMENT (SEE TABLE ON SHEET 5)	PART NUMBER
----------------	---	--	-------------

BLUE	C22	K6	5-638595-3
GREEN	C42	K6	5-638595-1
BLUE	C41	K6	5-638595-0
BLUE	C39	K6	4-638595-8
BLACK	C38	K6	4-638595-7
BLACK	C21	K3	4-638595-6
BLACK	C16	K4	4-638595-5
BLACK	C37	K2	4-638595-4

BROWN	C31	K1	3-638595-8
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BROWN	C29	K1	3-638595-5
GREY	C29	K5	3-638595-4
YELLOW	C28	K2	3-638595-3

BLUE	C22	K3	2-638595-9
BLUE	C26	K3	2-638595-8
BLACK	C11	K1	2-638595-7

BROWN	C21	K3	2-638595-4
-------	-----	----	------------

ORANGE	C22	K3	2-638595-2
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BLACK	C20	K1	2-638595-0
BLACK	C9	K1	1-638595-9

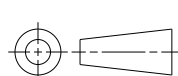
BLACK	C18	K2	1-638595-7
GREEN	C17	K5	1-638595-6
BLUE	C16	K4	1-638595-5

BLACK	C4	K1	638595-1
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SLIDE COLOR	CIRCUIT ARRANGEMENT (SEE TABLE ON SH. 5 & 6)	KEYING ARRANGEMENT (SEE TABLE ON SHEET 5)	PART NUMBER
----------------	---	--	-------------

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL
-

SEE CALLOUT

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±0.5
2 PLC ±0.20
3 PLC ±
4 PLC ±
ANGLES ±
FINISH -

SEE CALLOUT

DWN
J. R. SHUEY
CHK
V. KANE
APVD
J. M. MYER

31MAR2000
31MAR2000
31MAR2000

PRODUCT SPEC
-

APPLICATION SPEC
114-13060

WEIGHT
-

CUSTOMER DRAWING

NAME
ASSEMBLY, FEMALE,
60 WAY GET-SDM CONNECTOR
(SHUNTLESS VERSION)

SIZE
A1

CAGE CODE
100779

DRAWING NO.
C=638595

RESTRICTED TO
-

SCALE
2:1

SHEET
3

OF
10

REV
BA3

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

13577852	BLACK	C134	K5	3-1924558-7
13502172	BLACK	C130	K3	2-1924558-2
13502171	BLACK	C120	K3	2-1924558-1
13502170	BLACK	C42	K6	2-1924558-0
13502169	BLACK	C91	K6	1-1924558-9
19206496	BLACK	C125	K4	1-1924558-8
19206495	BLACK	C126	K2	1-1924558-7
19206494	BLACK	C125	K1	1-1924558-6
19206493	BLACK	C124	K3	1-1924558-5
19206492	BLACK	C123	K3	1-1924558-4
19206488	BLACK	C46	K3	1-1924558-0
19152767	BLACK	C37	K2	1924558-8
19180411	BLACK	C22	K3	1924558-7
19179682	BLACK	C22	K6	1924558-5
19179684	BLACK	C29	K5	1924558-2
19179685	BLACK	C28	K2	1924558-1
GM PART NUMBER	SLIDE COLOR	CIRCUIT ARRANGEMENT (SEE TABLE ON SH 5 & 6)	KEYING ARRANGEMENT (SEE TABLE ON SHEET 5)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J.R. SHUEY 31MAR2000		TE Connectivity	
		CHK V.KANE 31MAR2000			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ± 1 PLC ±0.5 2 PLC ±0.20 3 PLC ± 4 PLC ± ANGLES ± FINISH		PRODUCT SPEC	
		APPLICATION SPEC		SIZE	
		114-13060		CAGE CODE	
MATERIAL -		WEIGHT -		DRAWING NO	
SEE CALLOUT		CUSTOMER DRAWING		A100779C=638595	
				SCALE	RESTRICTED TO
				2:1	4 OF 10
				SHEET	BA3

REVISIONS					
P.	LTR.	DESCRIPTION	DATE	DWN.	APVD.
-	-	SEE SHEET 1	-	-	-

NOT INTENDED FOR PRODUCTION USE

SERVICE PART

9	BLACK	C3	K0	8-184464-7
	SLIDE COLOR	CIRCUIT ARRANGEMENT (SEE TABLE ON SHEET 4)	KEYING ARRANGEMENT (SEE TABLE ON SHEET 4)	PART NUMBER

NOT INTENDED FOR PRODUCTION USE

SERVICE PART

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CIRCUIT ARRANGEMENT																													
[X] INDICATES UNAVAILABLE (BLOCKED) CIRCUIT																													
C3																													

	K0 (OPTIONAL)
	K0
KEYING ARRANGEMENT ([] INDICATES PRESENCE OF KEYWAY OR ABSENCE OF KEY)	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN J. R. SHUEY 31MAR2000	TE Connectivity	
		CHK V. KANE 31MAR2000		
DIMENSIONS:		APVD J. M. MYER 31MAR2000	NAME	
mm		PRODUCT SPEC	ASSEMBLY, FEMALE, 60 WAY GET-SDM CONNECTOR (SHUNTLESS VERSION)	
		APPLICATION SPEC		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		WEIGHT	SIZE A1	CAGE CODE 00779
0 PLC ±		CUSTOMER DRAWING	SCALE 2:1	SHEET 5 OF 10
1 PLC ±0.5				
2 PLC ±0.20				
3 PLC ±				
4 PLC ±				
ANGLES				
FINISH				
MATERIAL				
SEE CALLOUT				

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

	K 9 9
	K 7
	K 6
	K 5
	K 4
	K 3
	K 2
	K 1

KEYING ARRANGEMENT
( INDICATES PRESENCE OF
KEYWAY OR ABSENCE OF KEY)

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN J. R. SHUEY 31MAR2000		 TE Connectivity			
			CHK V. KANE 31MAR2000					NAME
			APVD J. M. MYER 31MAR2000					
			PRODUCT SPEC -					
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:	APPLICATION SPEC 114-13060			ASSEMBLY, FEMALE, 60 WAY GET SDM CONNECTOR (SHUNTLESS VERSION)		
mm			-					
			WEIGHT -					
MATERIAL -			CUSTOMER DRAWING					
SEE CALLOUT			SEE CALLOUT					
			SIZE A100779C=638595			RESTRICTED TO -		
			SCALE 2:1			SHEET 6 OF 10		
						REV BA3		

Mouser Electronics

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[TE Connectivity:](#)

[6-184464-7](#)