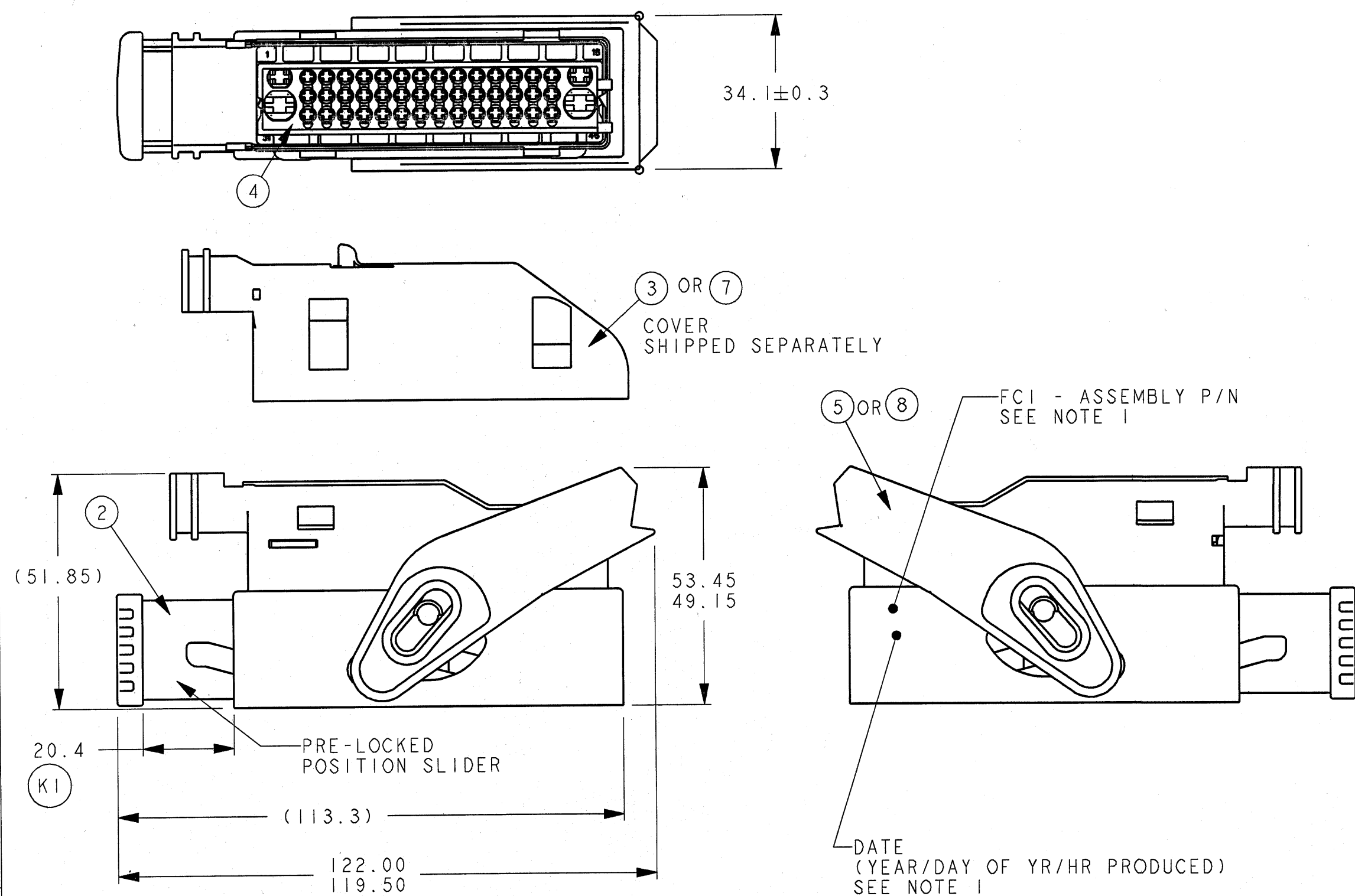


DELIVERY CONDITION: LEFT HAND VERSION SHOWN
RIGHT HAND VERSION SYMMETRICALLY OPPOSITE



TERMINAL, SEAL AND WIRE SIZE CHART

BOX-TERMINAL 4.8 FEMALE 6 004 04 61	10	MATTE TIN	TXL	6 099 26 06	10	SILICONE / WHITE
BOX-TERMINAL 4.8 FEMALE 6 004 04 51	12		GXL/TXL	6 099 26 06	12	SILICONE / WHITE
BOX-TERMINAL 4.8 FEMALE 6 004 04 41	14-16		GXL/TXL	6 099 26 04	14	SILICONE / YELLOW
BOX-TERMINAL 4.8 FEMALE 6 004 04 31 6 004 04 32	18-20	MATTE TIN	GXL/TXL	6 099 26 04 6 099 26 07	18-20 GXL 18-20 TXL	SILICONE / GREEN
DCS-2 2.8 mm FEMALE 6 001 29 41 6 001 29 42	14-16		GXL/TXL	6 099 40 34 6 099 40 23 6 099 40 23	14-16 GXL 14 TXL 16 TXL	SILICONE / YELLOW
DCS-2 2.8 mm FEMALE 6 001 29 41 6 001 29 42	18-20		GXL/TXL	6 099 40 15 6 099 40 23 6 099 40 23	20 TXL 18-20 GXL 18 TXL	SILICONE / BROWN
DCS-2 2.8 mm FEMALE 6 001 29 11 6 001 29 12	22	MATTE TIN	GXL/TXL	6 099 40 15	22 GXL/TXL	SILICONE / BLUE
DCS-2 1.5 mm FEMALE 6 000 06 41	16		TXL	6 099 39 34	16-18	SILICONE / YELLOW
DCS-2 1.5 mm FEMALE 6 000 06 31	18-20		GXL	A-0110**	18-20	SILICONE/ BURNT ORANGE
DCS-2 1.5 mm FEMALE 6 000 06 31	18-20	MATTE TIN	TXL	6 099 39 28	20	SILICONE / GRAY
DCS-2 1.5 mm FEMALE 6 000 06 11	22-24		TXL	6 099 39 13	22	SILICONE / RED
CAVITY PLUG 1.5mm	N/A	N/A	N/A	6 099 39 06	N/A	SILICONE / WHITE
TERMINAL PART NUMBER DESCRIPTION	WIRE SIZE (AWG)	PLATING TYPE	INSULATION TYPE	SEAL PART NUMBER	WIRE SIZE (AWG)	MATERIAL/COLOR

** VENDOR - QSR (QUALITY SYNTHETIC RUBBER)

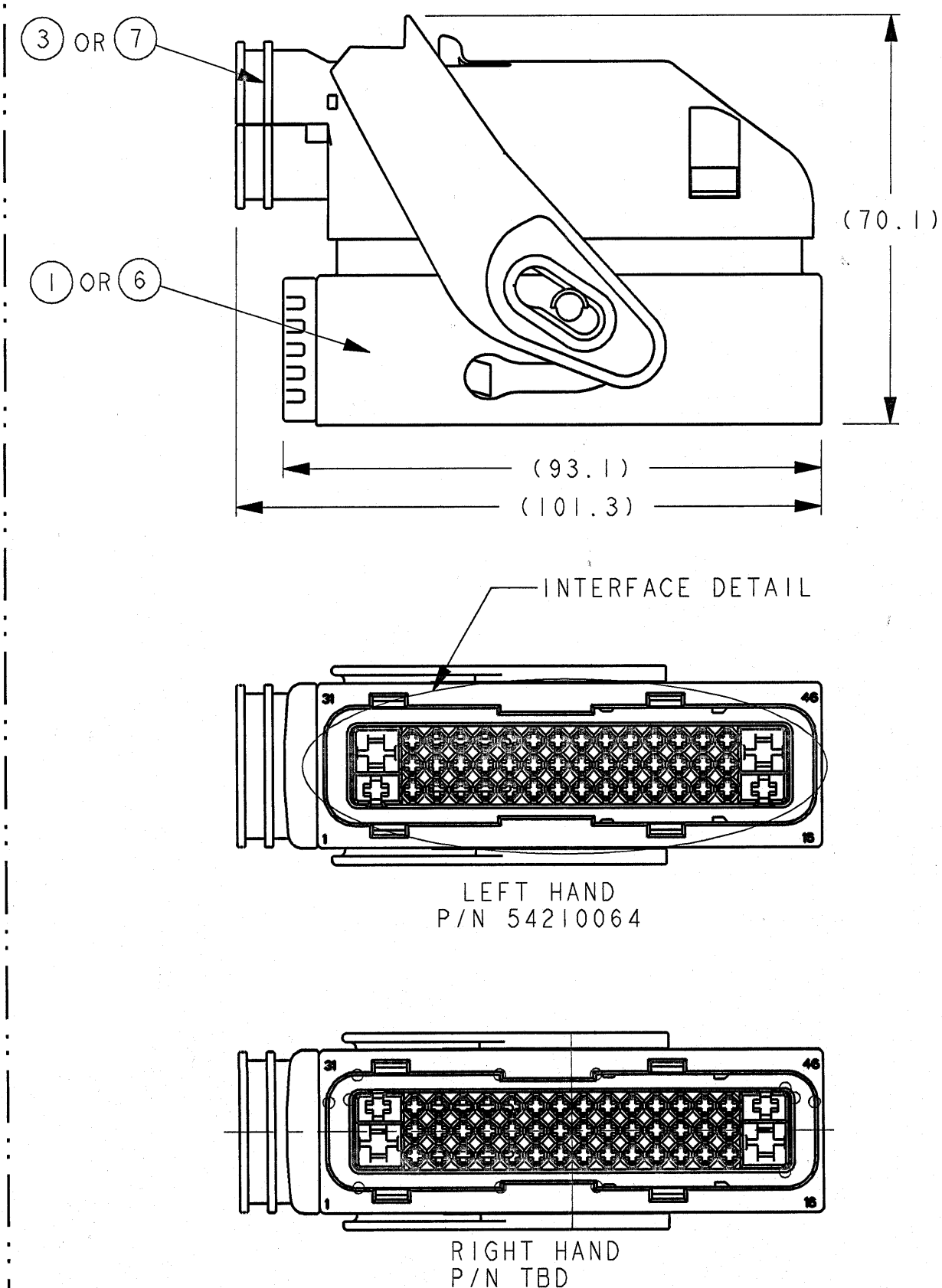
K3

PART PRESENCE INSPECTION

ASSEMBLY PART NUMBER	54210064	54210064A	1	54210053	FEMALE HOUSING - LH	>SPS-GF20<	BLACK	6	7
			2	54210065	SLIDER	>POM-GF25<	WHITE (NATURAL)		
			3	54210045	WIRE DRESS COVER	>SPS-GF30<	BLACK		
			4	54210014	CABLE SEAL RETAINER - LH	>PA66-GF15<	NATURAL	4	5
			5	54210046	LEVER	>SPS-GF30<	GRAY		
			6	54210053A	FEMALE HOUSING - LH	>PA66-GF35<	BLACK		
			7	54210045A	WIRE DRESS COVER	>PA66-GF35<	BLACK		
			8	54210046A	LEVER	>PA66-GF35<	GRAY		
REQUIRED	ITEM	PART NUMBER	DESCRIPTION	MATERIAL	COLOR				

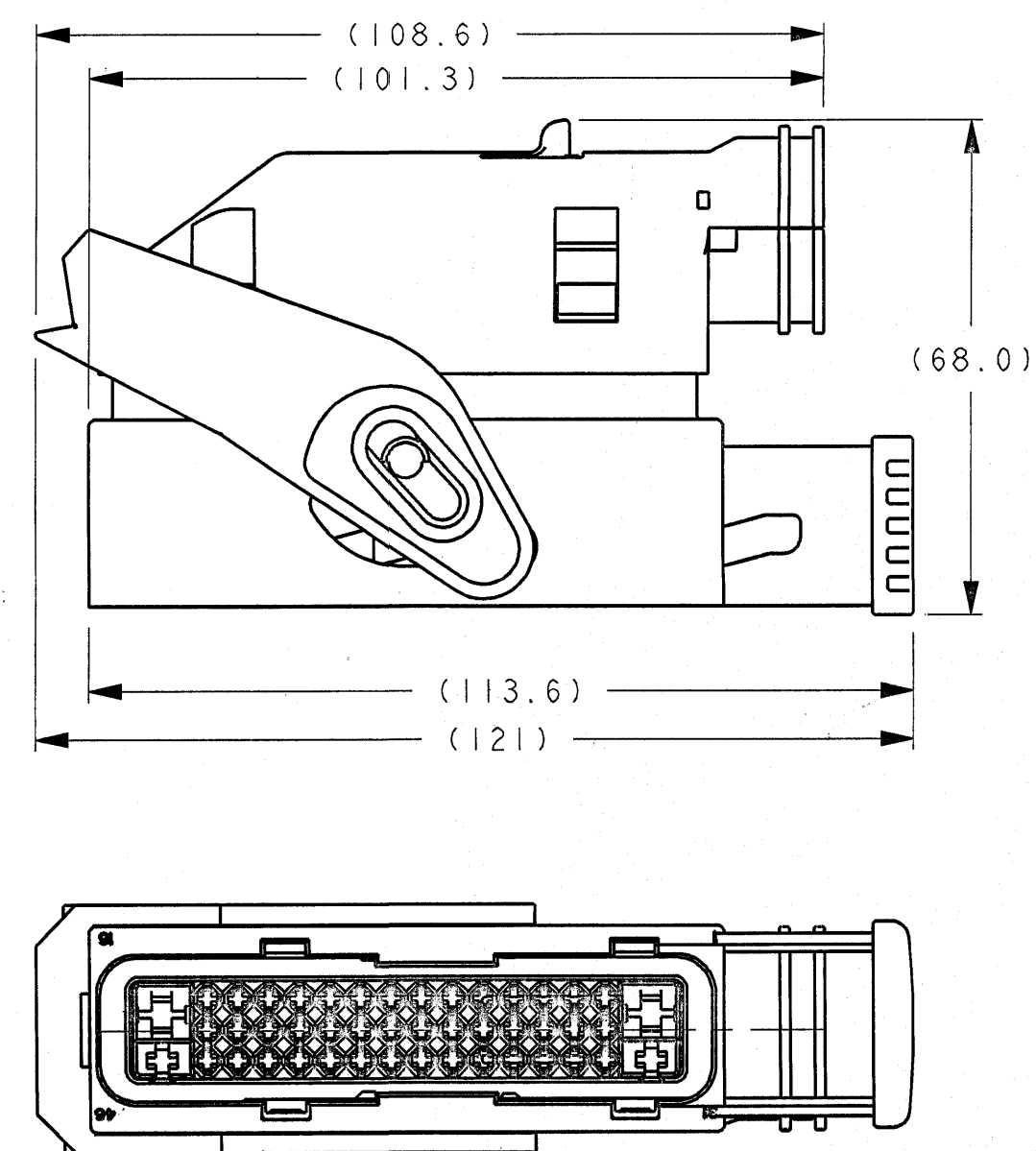
ASSEMBLY COMPONENTS

INSTALLATION OVERALL DIMENSIONS:
CLOSED POSITION

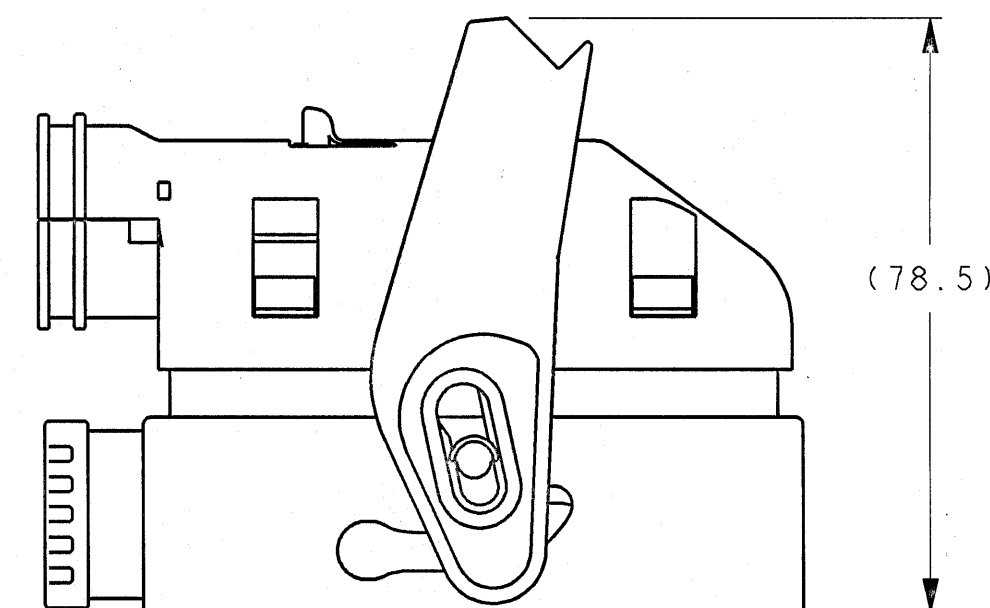


INTERFACE DETAIL
SCALE 2X

OPEN CONDITION: RIGHT HAND VERSION
COVER SHIPPED SEPARATELY
COVER SHOWN FOR VISUALIZATION ONLY
LEFT HAND VERSION SYMMETRICALLY OPPOSITE



ASSEMBLY AT HIGHEST LOCATION
DURING INSTALLATION



NOTES:

- FCI CONNECTOR ASSEMBLY PART NUMBER (LAST 4 OR 5 DIGITS) DATE (YR/DAY OF YR/HR PRODUCED) LASER MARKING THIS LOCATION.
- (K) INDICATES IN-PROCESS INSPECTION FOR MANUFACTURING, DIMENSIONS(S) OR SPECIFICATIONS(S) REQUIRED (3).
- (NOTE REMOVED)
- COMPONENTS MOLDED PRIOR TO 3/2/04 HAVE NO P/N MARKING. WERE MARKED WITH >SPS-GF30< DESIGNATION.
- OPTIONAL MATERIAL PRIOR TO 3/2/04. QUESTRA N WA 7030, COLOR GRAY
- COMPONENTS MOLDED PRIOR TO 3/2/04 WERE MARKED WITH >SPS-GF20< DESIGNATION
- COMPONENTS MOLDED PRIOR TO 3/2/04 WERE MARKED WITH P/N 54210047 AND 2003 CALENDAR YEAR DESIGNATION.
- QUALITY ASSURANCE REQUIREMENTS
SPC DATA - SEALING COMPRESSION
1) GAP MEASUREMENT 0-0.45mm USING GAUGE TL-346-J
WHERE 0 - REPRESENTS AIR GAP OF 1.85mm
AND 0.45mm AIR GAP OF 1.40mm
MEASURE IN MIDDLE OF SEAL AREA
- MATES WITH P/N'S 54430013, 54430012 & 54430011
- FOR ALL COMPONENT PART NUMBERS ENDING IN "A" (ALL COMPONENT PARTS MADE FROM PA66-GF35) THE MOLDED IN PART NUMBER MAY APPEAR WITHOUT THE LETTER "A", HOWEVER, THE MOLDED IN MATERIAL CODE MUST BE ">PA66-GF35<".

CONNECTOR CAVITY FLASHOVER CHART (K2)

PROGRAM	HOUSING PART NUMBER	ASSEMBLY * PART NUMBER	KEY	WIRE DRESS	CONTACT CAVITY FLASHOVER PATTERN ("X" SIGNIFIES FLASHED OVER CAVITY)													
46-WAY ABS (VENUS)	54210041	54210043	N/A	LH	31	X	2	X	3	X	4	X	5	X	6	X	7	X
	54210041A***	54210043A			1	X	2	X	3	X	4	X	5	X	6	X	7	X
	54210042	54210044	N/A	LH	31	X	2	X	3	X	4	X	5	X	6	X	7	X
	54210042A***	54210044A			1	X	2	X	3	X	4	X	5	X	6	X	7	X

CAVITY VIEW PERSPECTIVE LOOKING AT BOTTOM OF CONNECTOR
*CONTACT FCI FOR DELIVERY LEAD TIME
***PART MATERIAL >PA66-GF35<

UNCONTROLLED

FCI AUTOMOTIVE
MAR - 3 2006
MASTER COPY
WHEN IN RED

8388	02/28/06	C	K10, J13	ADDED ITEM SUBSTITUTION CORRESPOND WITH	LDW	ALM	ALM
8164	11/28/05	B	A18	UPDATED PART NUMBERS TO INCLUDE ALTERNATE MATERIALS	LDW	ALM	ALM
8164	11/28/05	B	C9	UPDATED PART NUMBERS TO REFLECT ALTERNATE MATERIAL	LDW	ALM	ALM
6871	06/21/04	A		PRODUCTION RELEASE	DEH	TK	TK
ECN-NUMBER	DATE	W-D-Y	REVISION	ZONE	CHANGE DESCRIPTION	DRAWN BY	CHK. BY
PRODUCT SPEC.	PACKAGING SPEC.	APPLICATION SPEC.	THIS DRAWING AND ALL OTHER INFORMATION CONTAINED HEREIN IS PROPRIETARY AND THE PROPERTY OF FCI. THIS DRAWING MAY NOT BE COPIED, REPRODUCED OR DISCLOSED TO ANY THIRD PARTY WITHOUT THE EXPRESSED WRITTEN PERMISSION OF FCI.				
TOLERANCES	1 PLACE 25.35 2 PLACE 25.13 ANGULAR	MATERIAL	SEE CHART	SURFACE FINISH	3RD ANGLE	PRO / KGP.	CAD SYSTEM
DRAWN BY	DATE	NAME	TOOL NO.	REV	DATE	NAME	DATE
DO NOT SCALE DRAWING	DATE	NAME	TOOL NO.	REV	DATE	NAME	DATE
DRAWN BY	DATE	NAME	TOOL NO.	REV	DATE	NAME	DATE
CHECKED BY	DATE	NAME	TOOL NO.	REV	DATE	NAME	DATE
APPROVED BY	DATE	NAME	TOOL NO.	REV	DATE	NAME	DATE
46-WAY VENUS CONNECTOR ASSEMBLY				H48022			
CUSTOMER				H48022			

F404