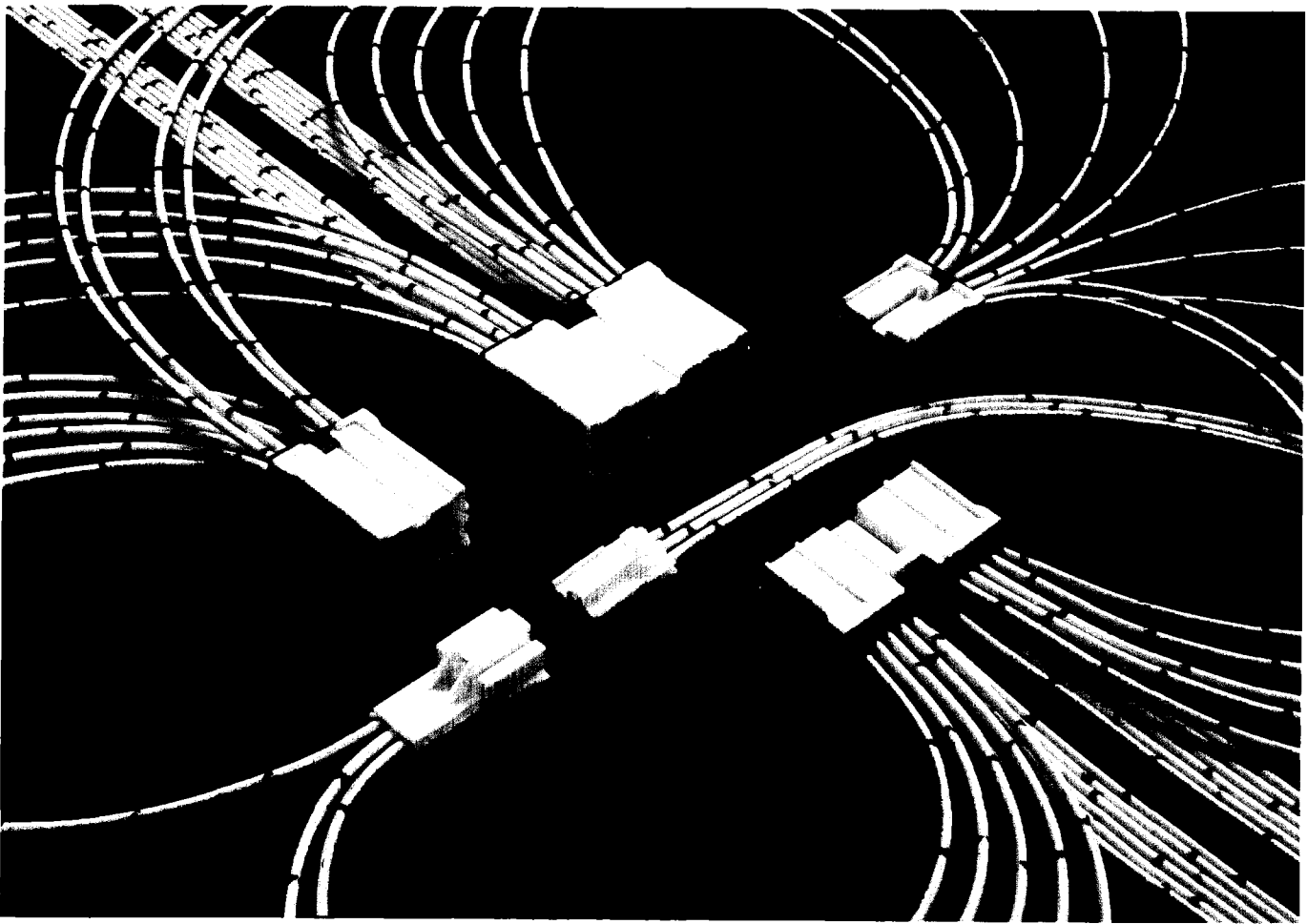


# SDL-II CONNECTOR



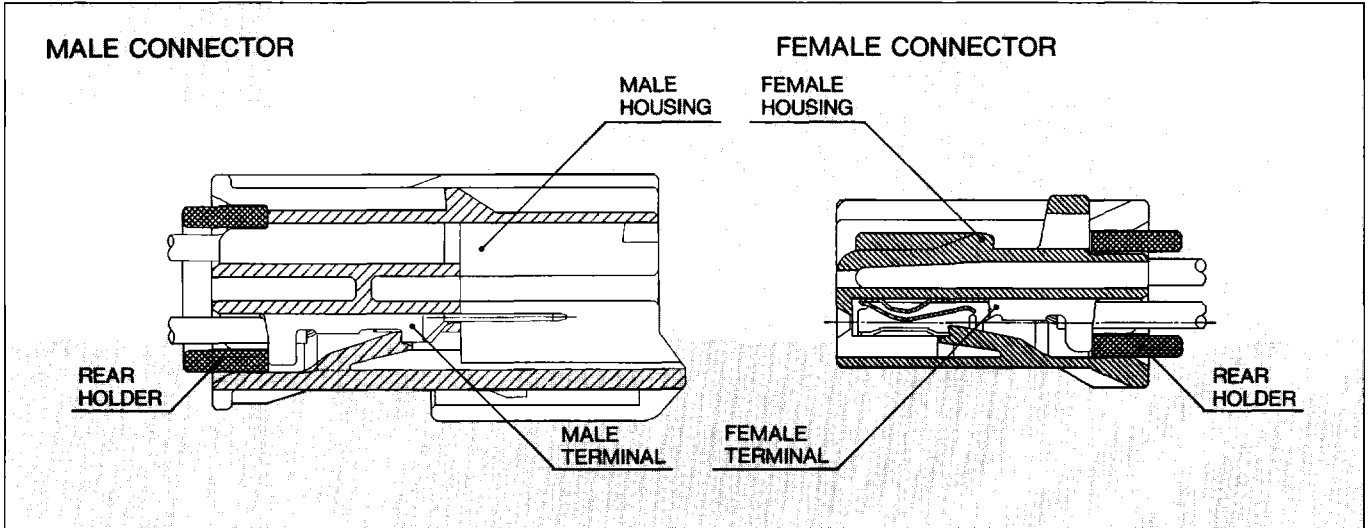
## SDL-II CONNECTOR

THE BLADE WIDTH OF THE MALE TERMINAL FOR THIS CONNECTOR IS 0.070 INCHES.

(DISTINCTIVE FEATURES)

1. SEPERATE PIECE (RATHER THAN HINGED) REAR HOLDER UTILIZED FOR IMPROVED AUTOMATED HARNESS ASSEMBLY.

## CONSTRUCTION



## SPECIFICATIONS

MATERIAL	HOUSING	PBT
	MALE TERMINAL	BRASS (TIN PLATING)
	FEMALE TERMINAL	COPPER ALLOY (TIN PLATING)
*CURRENT CAPACITY (REFERENCE)		9A
RESISTANCE AT LOW VOLTAGE		3mΩ MAX. (INITIAL VALUE)
INSULATION RESISTANCE		DC500V 100MΩ MIN.
DIELECTRIC STRENGTH		AC1000V (1 min.)

\*CURRENT CAPACITY WILL BE AFFECTED BY CONDITIONS SUCH AS POLE QUANTITY, WIRE SIZE, AMBIENT TEMPERATURE, ETC.

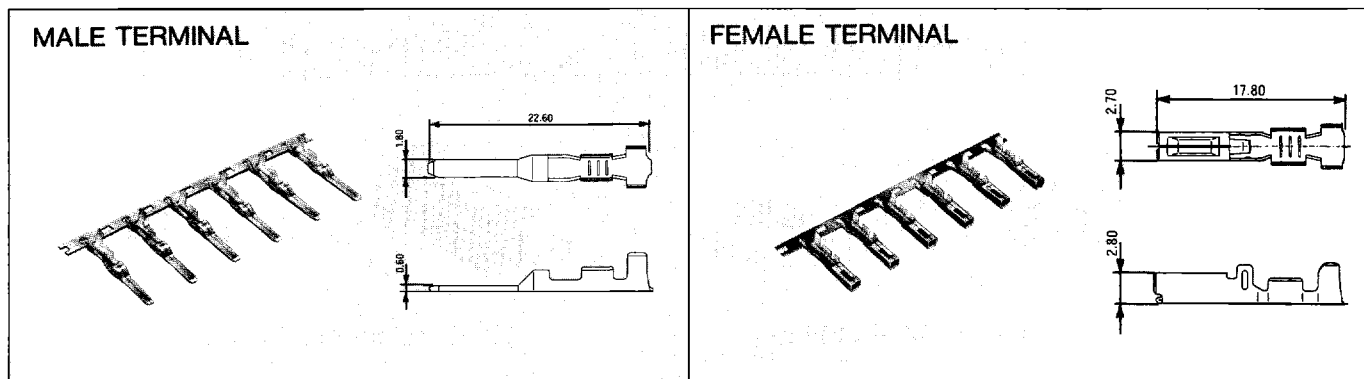
## PART NUMBER CHART

PART NAME	MALE TERMINAL	FEMALE TERMINAL
TERMINAL	7114-1470	7116-1486-02
	7114-1475	7116-1487-02

PART NAME	POLES	MALE CONNECTOR		FEMALE CONNECTOR	
		HOUSING	REAR HOLDER	HOUSING	REAR HOLDER
HOUSING	2	7182-4020	7157-4580-80	7183-4020	7157-4580-80
	3	7182-4030	7157-4581-90	7183-4030	7157-4581-90
	4	7182-4040	7157-4582-10	7183-4040	7157-4582-10
	6	7182-4060	7157-4583-70	7183-4060	7157-4584-80
	8	7182-4080	7157-4585-50	7183-4080	7157-4586-90
	10	7182-4000	7157-4587-60	7183-4000	7157-4588-10
	14	7182-4041	7157-4589-20	7183-4041	7157-4590-30
	18	7182-4081	7157-4591-60	7183-4081	7157-4592-10
	20	7182-4001	7157-4593-70	7183-4001	7157-4594-80
	22	7182-4021	7157-4595-20	7183-4021	7157-4596-30
	22	7182-4022	7157-4595-20	7183-4022	7157-4596-30

## TERMINAL

UNIT:mm



### ■ SPECIFICATIONS

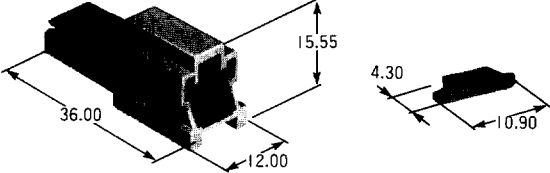

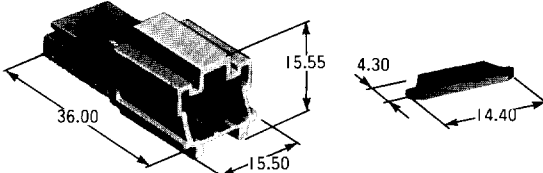
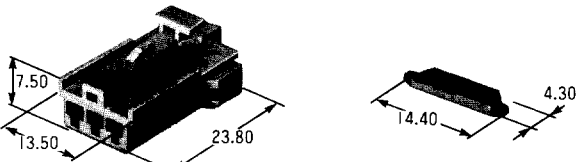
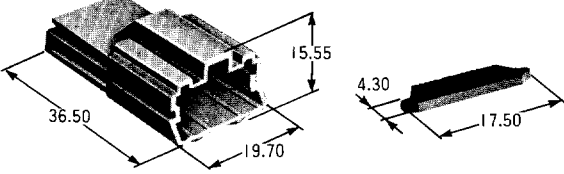
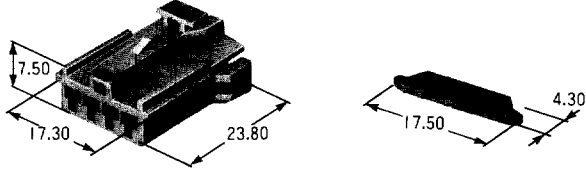
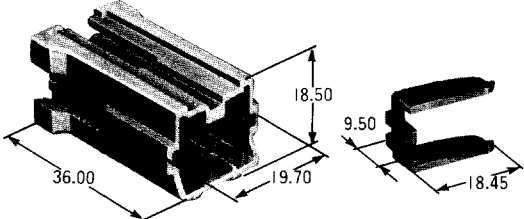
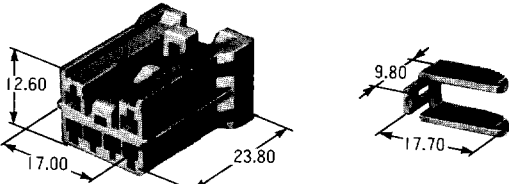
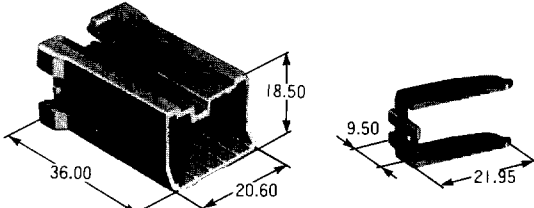
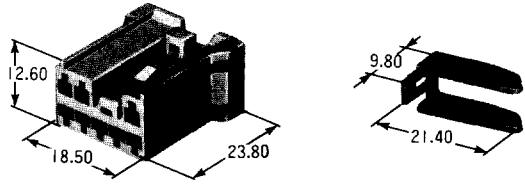
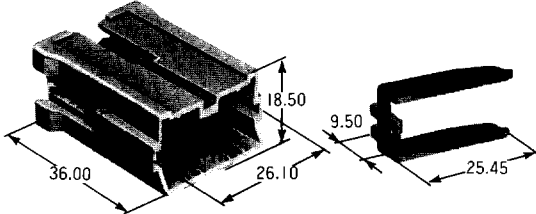
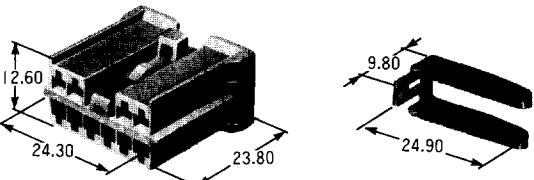
PART NAME	PART NUMBER	MATERIAL	TREATMENT	MATERIAL THICKNESS
MALE TERMINAL	7114-1470	BRASS	TIN PLATING	t=0.3
	7114-1475			
FEMALE TERMINAL	7116-1486-02	COPPER ALLOY	TIN PLATING	t=0.25
	7116-1487-02			

### ● APPLICABLE WIRE CHART

PART NAME	WIRE SIZE (mm <sup>2</sup> )	WIRE TYPE	PART NUMBER
MALE TERMINAL	0.3	AVS	7114-1470
		CAVS	7114-1470
	0.5	AVS	7114-1470
		CAVS	7114-1470
	0.85	AVS	7114-1470
		CAVS	7114-1470
	1.25	AVS	7114-1475
		CAVS	7114-1475
	2f	AVSS	7114-1475
	FEMALE TERMINAL	0.3	AVS
CAVS			7116-1486-02
0.5		AVS	7116-1486-02
		CAVS	7116-1486-02
0.85		AVS	7116-1486-02
		CAVS	7116-1486-02
1.25		AVS	7116-1487-02
		CAVS	7116-1487-02
2f		AVSS	7116-1487-02

HOUSING MATERIAL: PBT

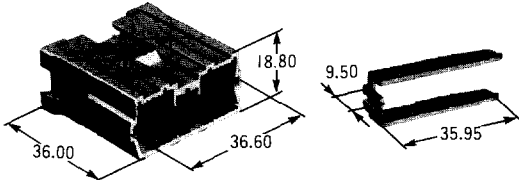
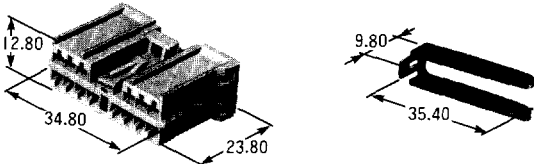
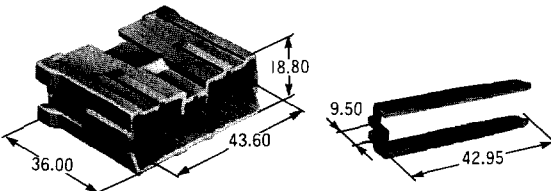
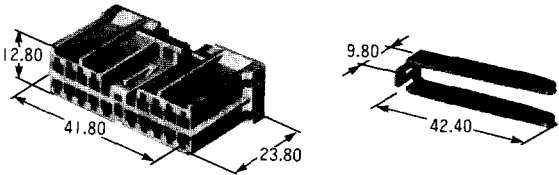
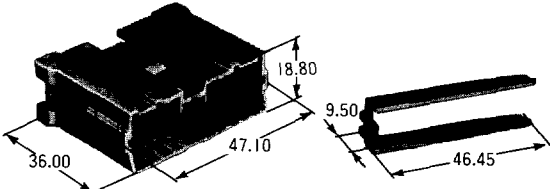
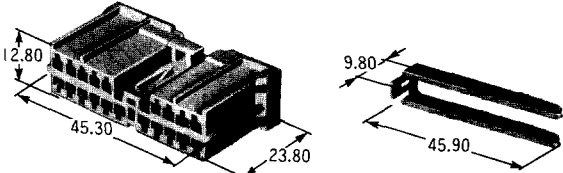
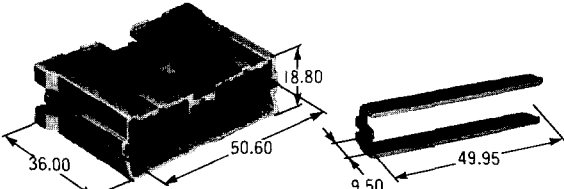
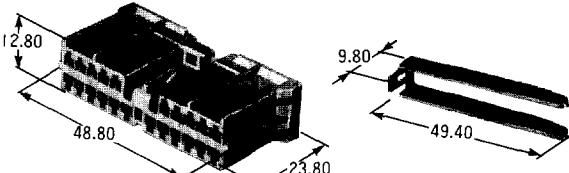
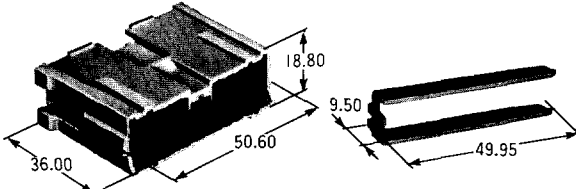
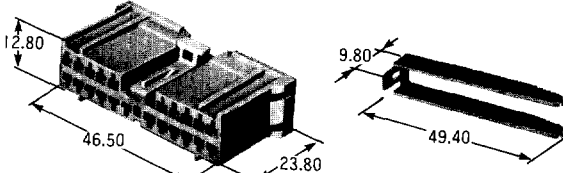
UNIT: mm

POLES	MALE HOUSING	FEMALE HOUSING
2	 <p>7182-4020(7157-4580-80)</p>	 <p>7183-4020(7157-4580-80)</p>
3	 <p>7182-4030(7157-4581-90)</p>	 <p>7183-4030(7157-4581-90)</p>
4	 <p>7182-4040(7157-4582-10)</p>	 <p>7183-4040(7157-4582-10)</p>
6	 <p>7182-4060(7157-4583-70)</p>	 <p>7183-4060(7157-4584-80)</p>
8	 <p>7182-4080(7157-4585-50)</p>	 <p>7183-4080(7157-4586-90)</p>
10	 <p>7182-4000(7157-4587-60)</p>	 <p>7183-4000(7157-4588-30)</p>

REAR HOLDER PART NUMBER IN PARENTHESIS.

**HOUSING MATERIAL: PBT**

UNIT: mm

POLES	MALE HOUSING	FEMALE HOUSING
14	 <p>7182-4041 (7157-4589-20)</p>	 <p>7183-4041 (7157-4590-30)</p>
18	 <p>7182-4081 (7157-4591-60)</p>	 <p>7183-4081 (7157-4592-10)</p>
20	 <p>7182-4001 (7157-4593-70)</p>	 <p>7183-4001 (7157-4594-80)</p>
22	 <p>7182-4021 (7157-4595-20)</p>	 <p>7183-4021 (7157-4596-30)</p>
22	 <p>7182-4022 (7157-4595-20)</p>	 <p>7183-4022 (7157-4596-30)</p>

REAR HOLDER PART NUMBER IN PARENTHESIS.