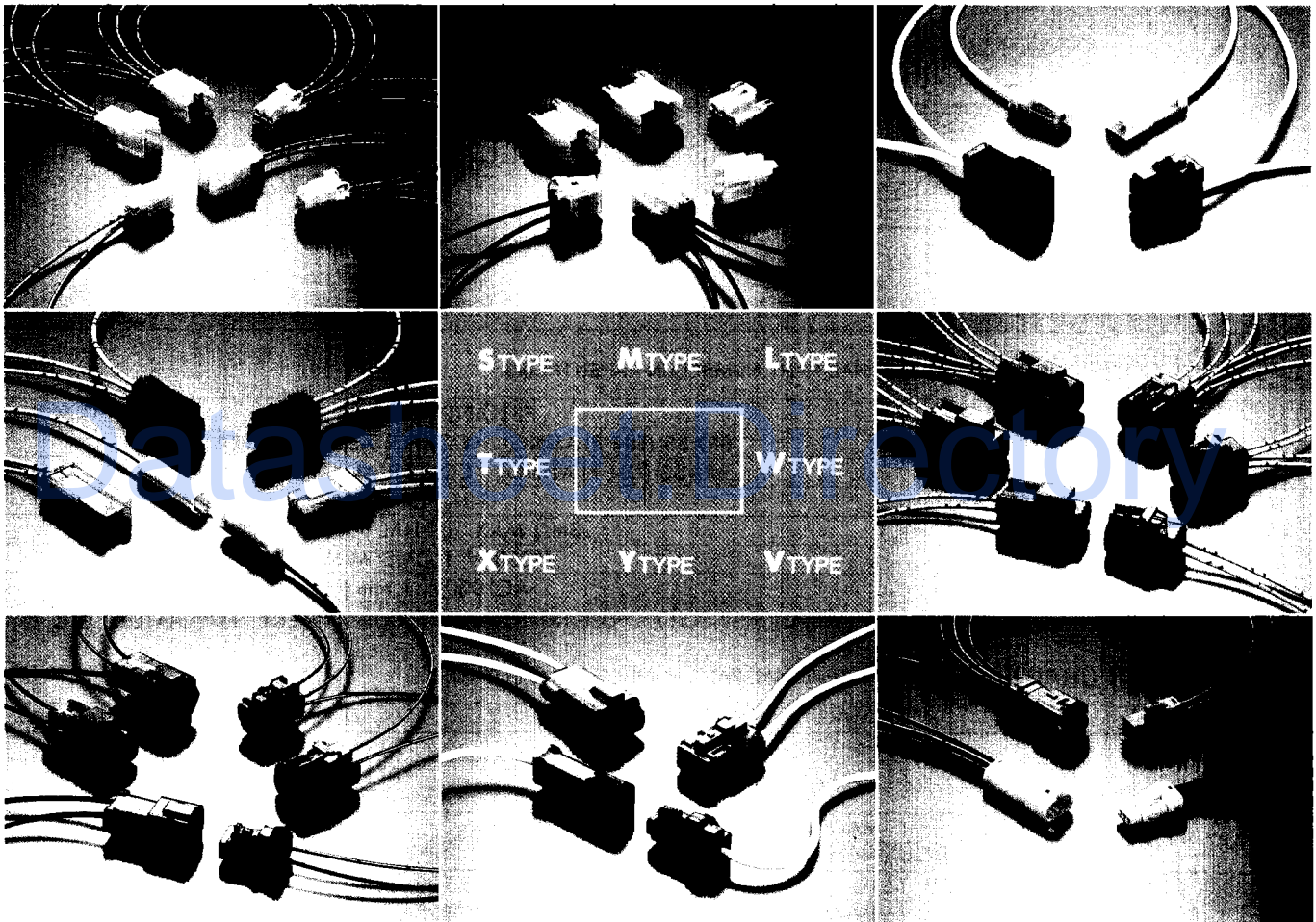


58 CONNECTOR



58 CONNECTOR

CONNECTORS WHICH DEMONSTRATE HIGHLY RELIABLE MATING ACTION BETWEEN MALE AND FEMALE CONNECTORS.

- S TYPE: 110 SIZE UNSEALED CONNECTOR
- M TYPE: 250 SIZE UNSEALED CONNECTOR
- L TYPE: 375 SIZE UNSEALED CONNECTOR
- T TYPE: 110 SIZE UNSEALED CONNECTOR (MINIATURIZED AND ENVIRONMENT RESISTANCE)
- W TYPE: 110 SIZE SEALED CONNECTOR
- X TYPE: 250 SIZE SEALED CONNECTOR
- Y TYPE: 375 SIZE SEALED CONNECTOR
- V TYPE: 050 SIZE SEALED CONNECTOR

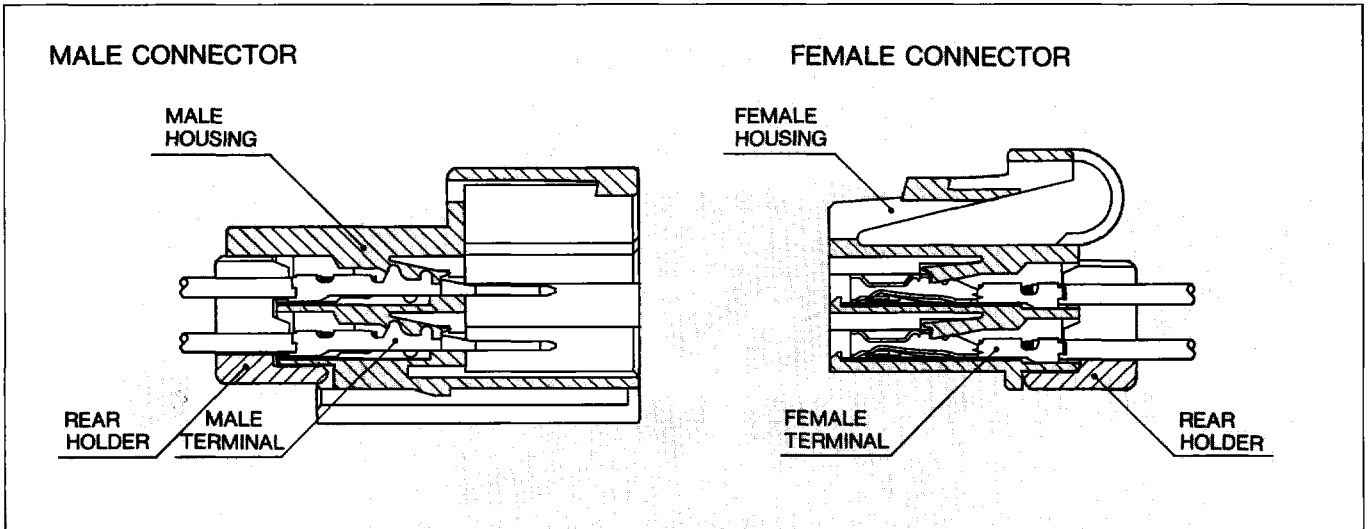
S TYPE CONNECTOR:

THE BLADE WIDTH OF THE MALE TERMINAL FOR THIS CONNECTOR IS 0.110 INCHES.

(DISTINCTIVE FEATURES)

1. DOUBLE TERMINAL LOCKING SYSTEM ELIMINATES TERMINAL PUSH-OUT.
(HOUSING LANCE REAR HOLDER)
2. STABLE/SECURE MATING ACTION BETWEEN MALE AND FEMALE CONNECTORS.

CONSTRUCTION



SPECIFICATIONS

HEAVY TYPE TERMINAL PART NUMBER IN PARENTHESIS.

MATERIAL	HOUSING	PBT AND NYLON6
	MALE TERMINAL	BRASS (TIN PLATING), <COPPER ALLOY(TIN PLATING)>
	FEMALE TERMINAL	BRASS (TIN PLATING), <COPPER ALLOY(TIN PLATING)>
*CURRENT CAPACITY (REFERENCE)		10A (15A)
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

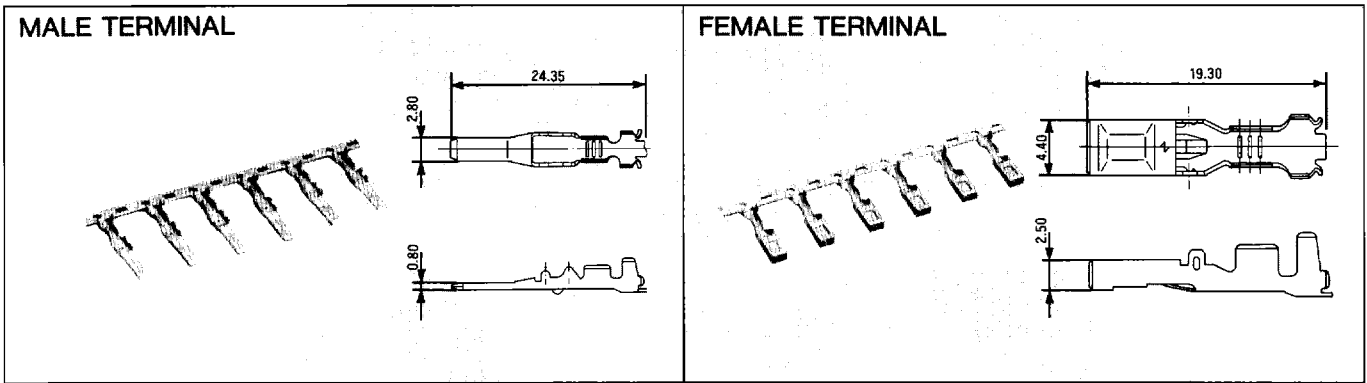
HEAVY TYPE TERMINAL PART NUMBER IN PARENTHESIS.

PART NAME	MALE TERMINAL	FEMALE TERMINAL
TERMINAL	7114-1230 (7114-1238)	7116-1230 (7116-1342)
	7114-1231 (7114-1239)	7116-1231 (7116-1343)

PART NAME	POLES	MALE CONNECTOR		FEMALE CONNECTOR	
		HOUSING	REAR HOLDER	HOUSING	REAR HOLDER
HOUSING	1	7122-1610	7157-6010-70	7123-1610	7157-6010-70
	1	7122-1619-90	7157-6010-90	7123-1619-90	7157-6010-90
	2	7122-1620	7157-6020-70	7123-1620	7157-6020-70
	2	7122-1629-90	7157-6022-90	7123-1629-90	7157-6023-90
	2	7122-1623-30	7157-6024	7123-1623-30	7157-6024
	3	7122-1630	7157-6030-70	7123-1630	7157-6030-70
	3	7122-1639-90	7157-6032-90	7123-1639-90	7157-6033-90
	4	7122-1640	7157-6040-70	7123-1640	7157-6040-70
	4	7122-1649-90	7157-6042-90	7123-1649-90	7157-6042-90
	6	7122-1660	7157-6060-70	7123-1660	7157-6060-70
	6	7122-1669-90	7157-6062-90	7123-1669-90	7157-6063-90
	8	7122-1680	7157-6080-70	7123-1680	7157-6080-70
	8	7122-1689-90	7157-6082-90	7123-1689-90	7157-6083-90
	8	7122-1683-30	7157-6084	7123-1683-30	7157-6085
	10	7122-1700	7157-6100-70	7123-1700	7157-6101-70
	10	7122-1709-90	7157-6102-90	7123-1709-90	7157-6103-90
12	7122-1729-90	7157-6122-90	7123-1729-90	7157-6123-90	
16	7122-1769-90	7157-6162-90	7123-1769-90	7157-6163-90	

TERMINAL

UNIT: mm



■ SPECIFICATIONS

PART NAME	PART NUMBER	MATERIAL	TREATMENT	MATERIAL THICKNESS
MALE TERMINAL	7114-1230	BRASS	TIN PLATING	t=0.4
	7114-1231			
	7114-1238	COPPER ALLOY	TIN PLATING	t=0.4
	7114-1239			
FEMALE TERMINAL	7116-1230	BRASS	TIN PLATING	t=0.3
	7116-1231			
	7116-1342	BODY: COPPER ALLOY SPRING: COPPER ALLOY	TIN PLATING	t=0.3
	7116-1343			

● APPLICABLE WIRE CHART

HEAVY TYPE TERMINAL PART NUMBER IN PARENTHESIS.

PART NAME	WIRE SIZE (mm ²)	WIRE TYPE	PART NUMBER
MALE TERMINAL	0.3	AVS	7114-1230 (7114-1238)
		CAVS	7114-1230 (7114-1238)
	0.5	AVS	7114-1230 (7114-1238)
		CAVS	7114-1230 (7114-1238)
	0.85	AVS	7114-1231 (7114-1239)
		CAVS	7114-1231 (7114-1239)
	1.25	AVS	7114-1231 (7114-1239)
		CAVS	7114-1231 (7114-1239)
2	AVS	7114-1231 (7114-1239)	
2f	AVSS	7114-1231 (7114-1239)	
FEMALE TERMINAL	0.3	AVS	7116-1230 (7116-1342)
		CAVS	7116-1230 (7116-1342)
	0.5	AVS	7116-1230 (7116-1342)
		CAVS	7116-1230 (7116-1342)
	0.85	AVS	7116-1231 (7116-1343)
		AVSS	7116-1231 (7116-1343)
	1.25	AVS	7116-1231 (7116-1343)
		AVSS	7116-1231 (7116-1343)
	2	AVS	7116-1231 (7116-1343)
	2f	AVSS	7116-1231 (7116-1343)

HOUSING MATERIAL: NYLON6

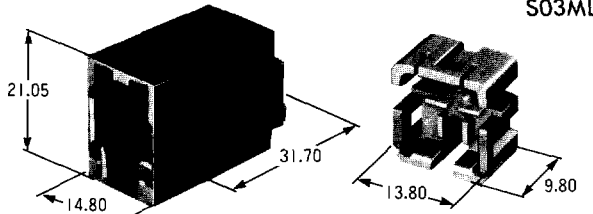
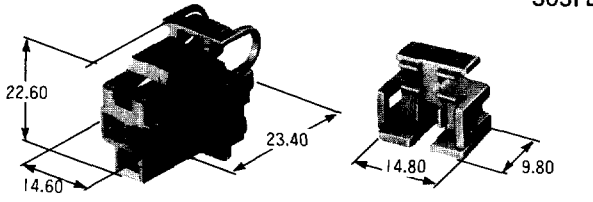
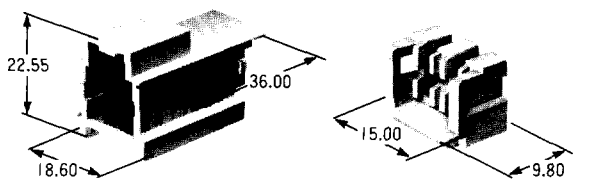
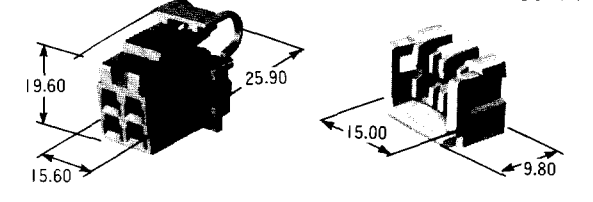
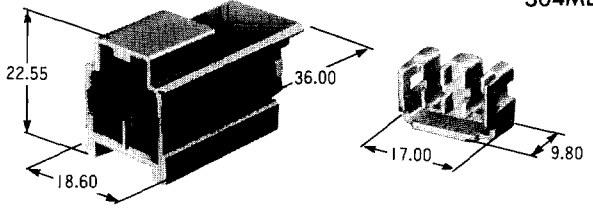
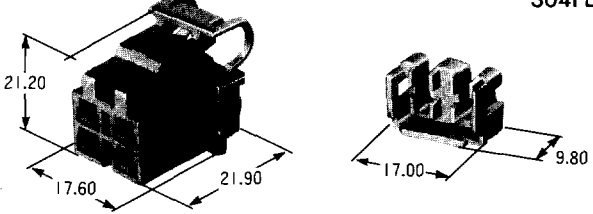
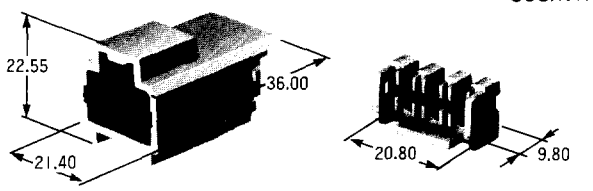
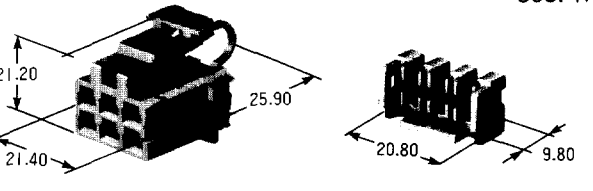
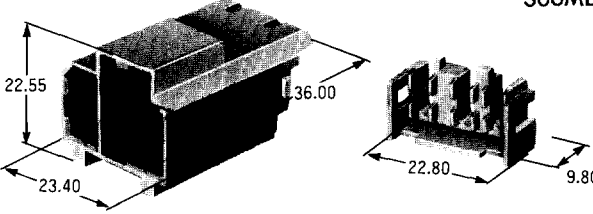
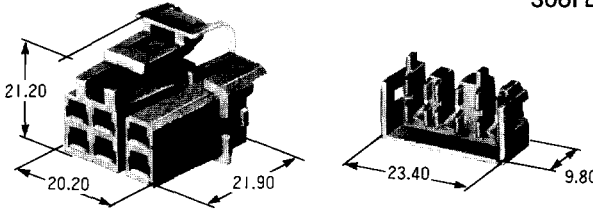
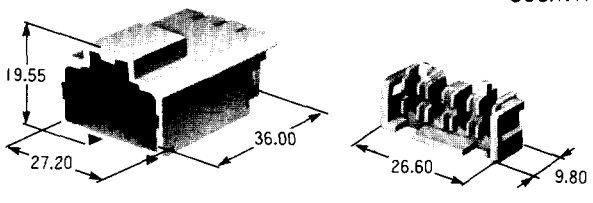
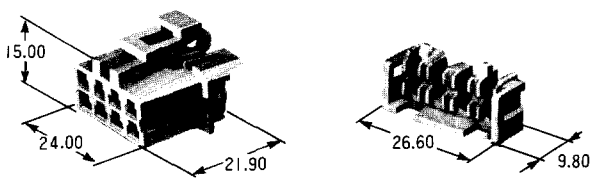
UNIT: mm

POLES	MALE HOUSING	FEMALE HOUSING
1	<p>S01MW</p> <p>7122-1610(7157-6010-70)</p>	<p>S01FW</p> <p>7123-1610(7157-6010-70)</p>
1	<p>S01ML</p> <p>7122-1619-90(7157-6010-90)</p>	<p>S01FL</p> <p>7123-1619-90(7157-6010-90)</p>
2	<p>S02MW</p> <p>7122-1620(7157-6020-70)</p>	<p>S02FW</p> <p>7123-1620(7157-6020-70)</p>
2	<p>S02ML</p> <p>7122-1629-90(7157-6022-90)</p>	<p>S02FL</p> <p>7123-1629-90(7157-6023-90)</p>
2	<p>S02MB</p> <p>7122-1623-30(7157-6024-20)</p>	<p>S02FB</p> <p>7123-1623-30(7157-6024-20)</p>
3	<p>S03MW</p> <p>7122-1630(7157-6030-70)</p>	<p>S03FW</p> <p>7123-1630(7157-6030-70)</p>

REAR HOLDER PART NUMBER IN PARENTHESIS.

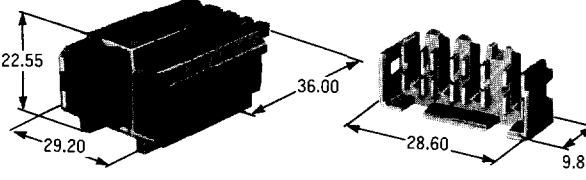
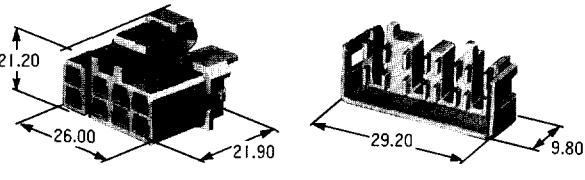
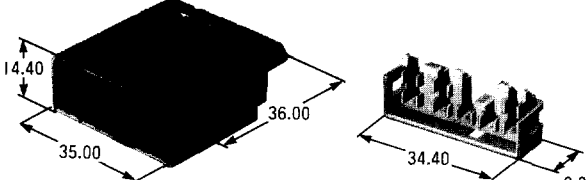
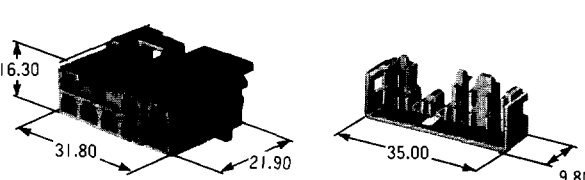
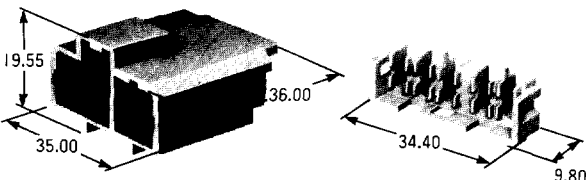
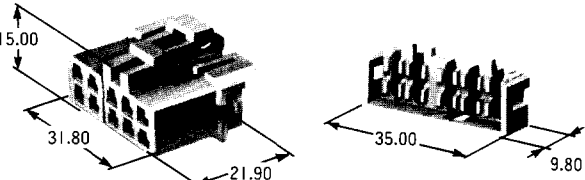
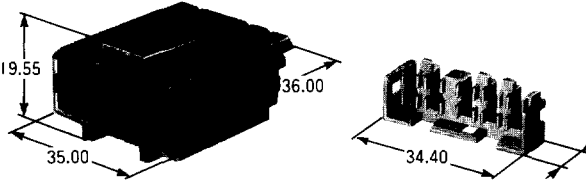
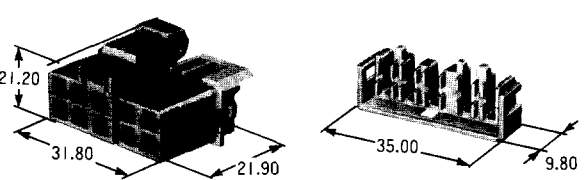
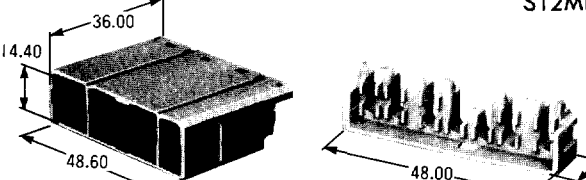
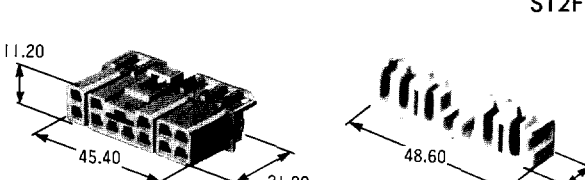
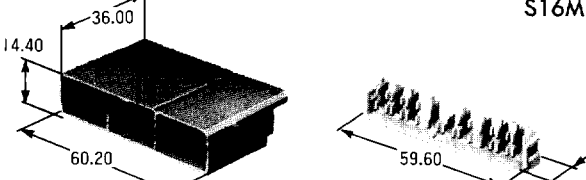
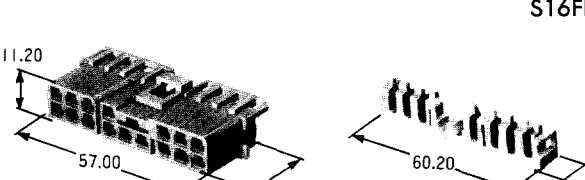
HOUSING MATERIAL: NYLON6

UNIT: mm

POLES	MALE HOUSING	FEMALE HOUSING
3	<p style="text-align: right;">S03ML</p>  <p style="text-align: center;">7122-1639-90(7157-6032-90)</p>	<p style="text-align: right;">S03FL</p>  <p style="text-align: center;">7123-1639-90(7157-6033-90)</p>
4	<p style="text-align: right;">S04MW</p>  <p style="text-align: center;">7122-1640(7157-6040-70)</p>	<p style="text-align: right;">S04FW</p>  <p style="text-align: center;">7123-1640(7157-6040-70)</p>
4	<p style="text-align: right;">S04ML</p>  <p style="text-align: center;">7122-1649-90(7157-6042-90)</p>	<p style="text-align: right;">S04FL</p>  <p style="text-align: center;">7123-1649-90(7157-6042-90)</p>
6	<p style="text-align: right;">S06MW</p>  <p style="text-align: center;">7122-1660(7157-6060-70)</p>	<p style="text-align: right;">S06FW</p>  <p style="text-align: center;">7123-1660(7157-6060-70)</p>
6	<p style="text-align: right;">S06ML</p>  <p style="text-align: center;">7122-1669-90(7157-6062-90)</p>	<p style="text-align: right;">S06FL</p>  <p style="text-align: center;">7123-1669-90(7157-6063-90)</p>
8	<p style="text-align: right;">S08MW</p>  <p style="text-align: center;">7122-1680(7157-6080-70)</p>	<p style="text-align: right;">S08FW</p>  <p style="text-align: center;">7123-1680(7157-6080-70)</p>

REAR HOLDER PART NUMBER IN PARENTHESIS.

HOUSING MATERIAL: NYLON6

POLES	MALE HOUSING	FEMALE HOUSING
8	<p style="text-align: right;">S08ML</p>  <p style="text-align: center;">7122-1689-90(7157-6082-90)</p>	<p style="text-align: right;">S08FL</p>  <p style="text-align: center;">7123-1689-90(7157-6083-90)</p>
8	<p style="text-align: right;">S08MB</p>  <p style="text-align: center;">7122-1683-30(7157-6084-20)</p>	<p style="text-align: right;">S08FL</p>  <p style="text-align: center;">7123-1683-30(7157-6085-20)</p>
10	<p style="text-align: right;">S10MW</p>  <p style="text-align: center;">7122-1700(7157-6100-70)</p>	<p style="text-align: right;">S10FW</p>  <p style="text-align: center;">7123-1700(7157-6101-70)</p>
10	<p style="text-align: right;">S10ML</p>  <p style="text-align: center;">7122-1709-90(7157-6102-90)</p>	<p style="text-align: right;">S10FL</p>  <p style="text-align: center;">7123-1709-90(7157-6103-90)</p>
12	<p style="text-align: right;">S12ML</p>  <p style="text-align: center;">7122-1729-90(7157-6122-90)</p>	<p style="text-align: right;">S12FL</p>  <p style="text-align: center;">7123-1729-90(7157-6123-90)</p>
16	<p style="text-align: right;">S16ML</p>  <p style="text-align: center;">(MATL.: PBT) 7122-1769-90(7157-6162-90)</p>	<p style="text-align: right;">S16FL</p>  <p style="text-align: center;">7123-1769-90(7157-6163-90)</p>

REAR HOLDER PART NUMBER IN PARENTHESIS.