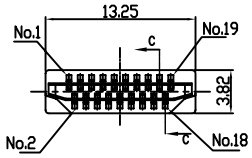
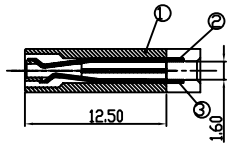
REV.	ZONE	LTR	DESCRIPTION	DATE	REVISER	APPD





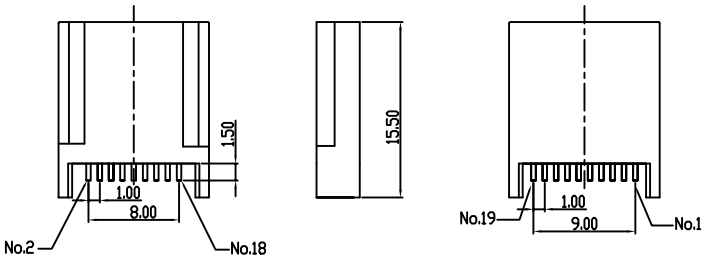
SECTION C-C
SCALE 1 : 1

NOTE:
1. MECHANICAL :
   1.1 INSERTION FORCE :44.1 N MAX
   1.2 WITHDRAWAL FORCE :9.8 N MIN.
2. ELECTRICAL :
   2.1 CONTACT CURRENT RATING: 0.5A MIN.
   2.2 VOLTAGE RATING :40V AC (rms)
   2.3 WITHSTANDING VOLTAGE: 500 VAC/ 1 MINUTE.
   2.4 INSULATION RESISTANCE: 100 MEGAOHMS MIN.
   2.5 CONTACT RESISTANCE: 30 MILLIOHMS MAX.
3. ENVIRONMENTAL :
   3.1 OPERATING TEMPERATURE:-25°C TO +85°C
4. MATERIAL :
   4.1 HOUSING: HIGH TEMPERATURE THERMOPLASTIC
   4.2 TERMINAL: COPPER ALLOY
   4.3 PCB: FR-4
   4.4 FRONT SHELL: BRASS OR SPCC
   4.5 BACK SHELL: SPCC

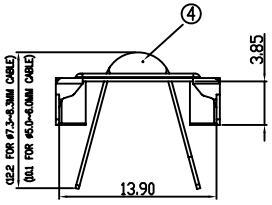
ORDERING INFORMATION:

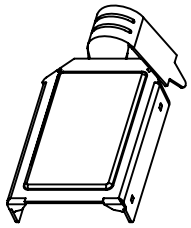
51S 019 P - 3 * * 6 - F - *
(1) (2)(3) (4) (5) (6) (7) (8) (9)

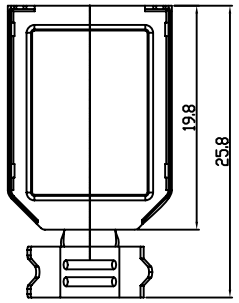
(1) SERIES NUMBER:
51S : HDMI MALE CONN., SOLDER TYPE
(2) NO. OF POSITION:
019 :19POSITIONS
(3) CONTACT &CONNECTING TYPES:
P : PLUG
(4) COLOR CODES:
3 :BLACK
(5) PLATING OF CONTACT :
0 : GOLD FLASH OVER NICKEL
2 : 15u"GOLD OVER NICKEL
3 : 30u"GOLD OVER NICKEL
7 : 3u"GOLD OVER NICKEL
C : 5u"GOLD OVER NICKEL
(6) PLATING OF SHELL :
0 : WITHOUT SHELL
N : Ni PLATING
G : 20u"GOLD OVER NICKEL
L : Au:3u"Min. PLATING
4 : FRONT SHELL GOLD FLASH PLATING,BACK SHELL NICKEL PLATING
5 : Au:15u"Min. PLATING
S4 : FRONT AND BACK SHELL ALL GOLD FLASH PLATING
(7) SHELL CONTRUCTION TYPE:
0 : WITHOUT BIB FOR SHELL OR WITHOUT SHELL
5 : FRONT AND BACK SHELL
(FOR ø7.3~8.3MM CABLE)
6 : FRONT AND BACK SHELL
(FOR ø5.0~6.0MM CABLE)
(8) SUFIX NO. :
F: W/O COVER AND PCB, SOLDER TAIL LENGHT IS 1.50mm
(9) SUFIX NO. (THE FRONT SHELL MATERIAL CODE) :
NONE : SHELL MATERIAL IS Brass
S : SHELL MATERIAL IS SPCC

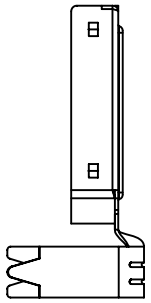


BODY

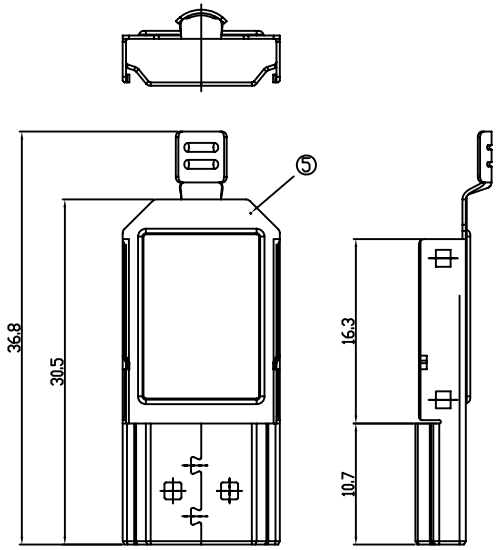




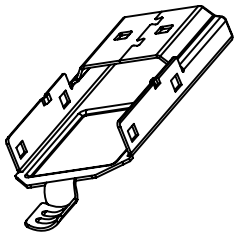




BACK SHELL



FRONT SHELL



ITEM	PART NAME	Q'TY/EA	MATETIALS	NOTE
⑤	FRONT SHELL	1	SPCC OR BRASS	GOLD, OR NICKEL PLATING
④	BACK SHELL	1	SPCC	GOLD, OR NICKEL PLATING
③	CONTACT 2	1	COPPER ALLOY	GOLD PLATED OVER NICKEL
②	CONTACT 1	18	COPPER ALLOY	GOLD PLATED OVER NICKEL
①	HOUSING	1	THERMOPLASTIC	UL94V-0

MATERIAL

FINISH

TOLERANCE UNLESS SPECIFIED
.0 0 0 ±
.0 0 ± 0.20
.0 ± 0.30
. ±
ANGLE ± 2°

Draw NPX 10/11/24
Designer
Checked SKY
Approved Dived

FREEPORT

SCALE NONE
UNIT MM

NAME **HDMI MALE CONNECTER (WITH PCB)**
SHEET 1/1
Drawing No. R-S151S-142
REV. 1

A4 RS151S1421