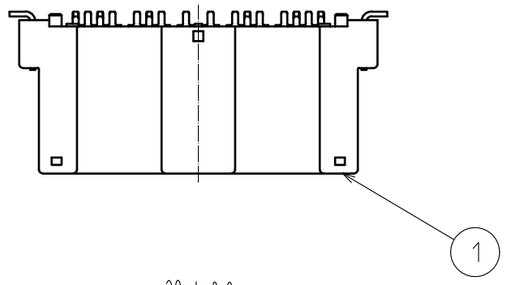
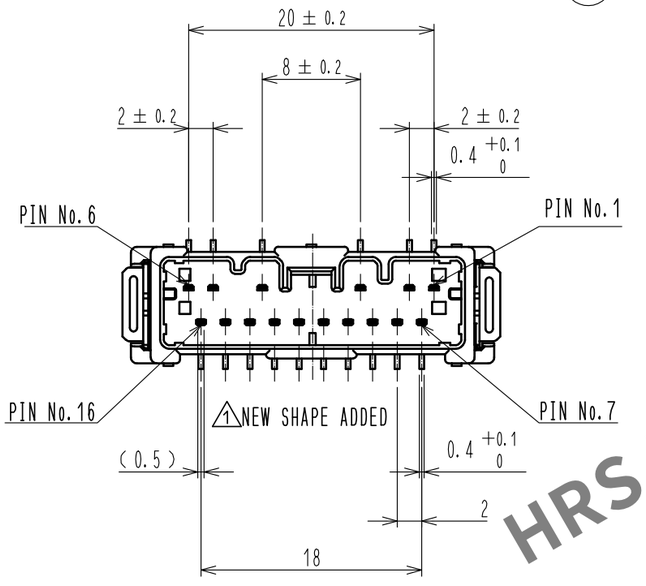
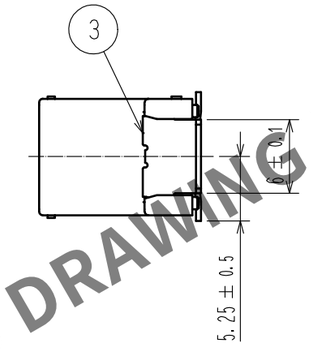
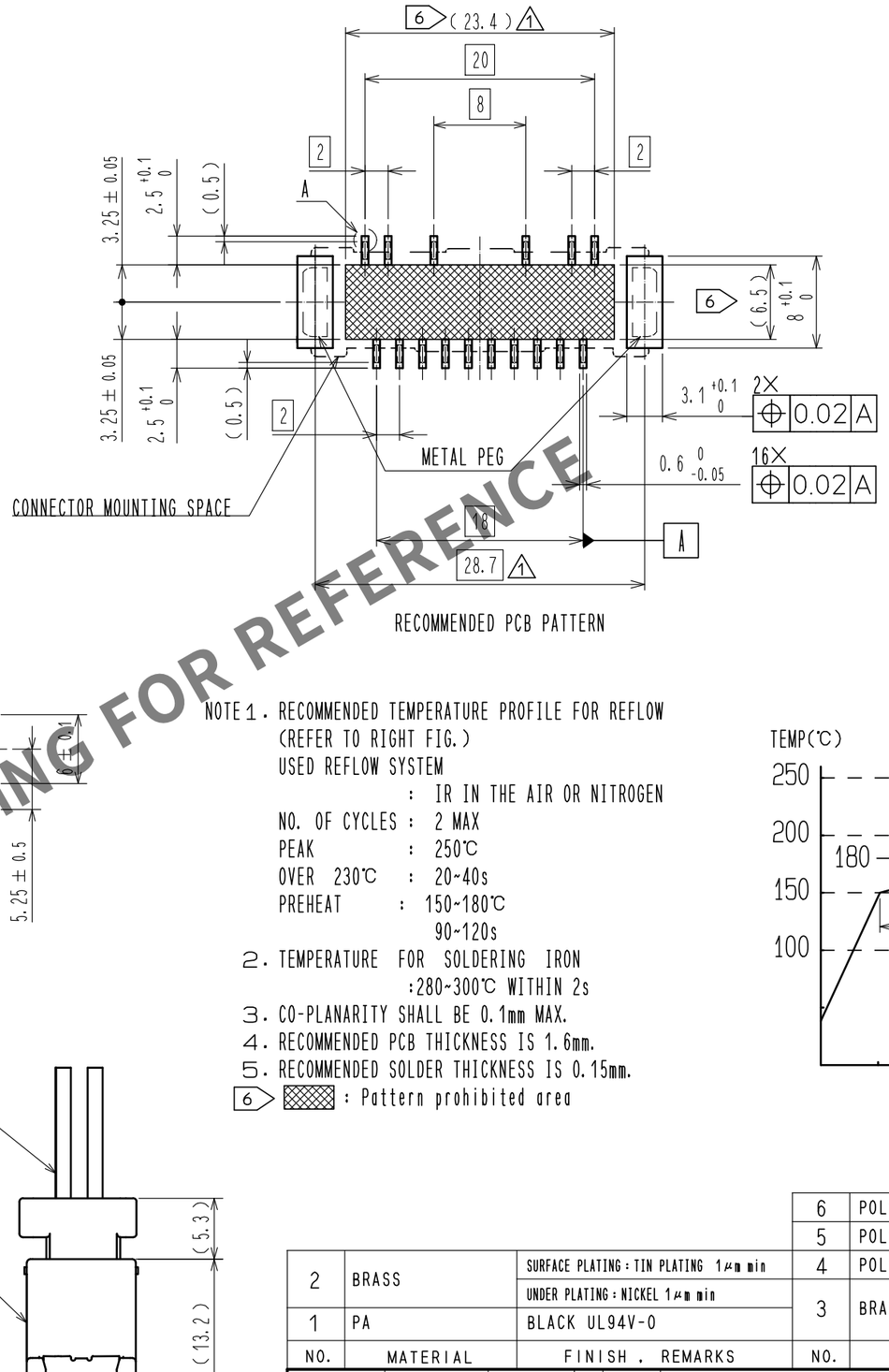
May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

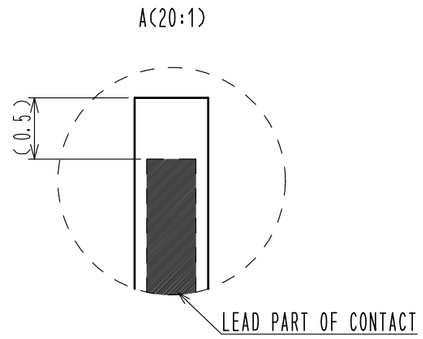
ELV, RoHS COMPLIANT

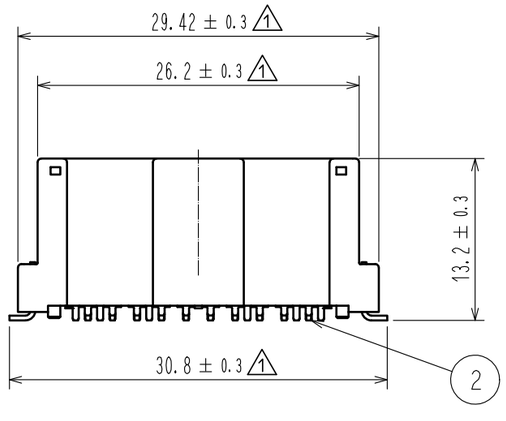


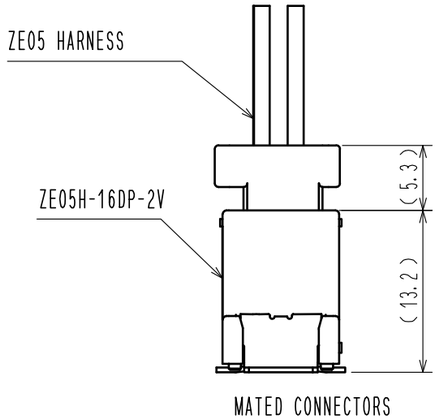






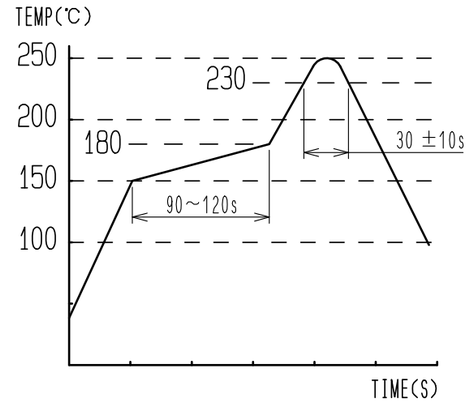






MATED CONNECTORS

NOTE 1. RECOMMENDED TEMPERATURE PROFILE FOR REFLOW
(REFER TO RIGHT FIG.)
USED REFLOW SYSTEM
: IR IN THE AIR OR NITROGEN
NO. OF CYCLES : 2 MAX
PEAK : 250℃
OVER 230℃ : 20~40s
PREHEAT : 150~180℃
90~120s
2. TEMPERATURE FOR SOLDERING IRON
:280~300℃ WITHIN 2s
3. CO-PLANARITY SHALL BE 0.1mm MAX.
4. RECOMMENDED PCB THICKNESS IS 1.6mm.
5. RECOMMENDED SOLDER THICKNESS IS 0.15mm.
6 : Pattern prohibited area



HRS DRAWING FOR REFERENCE

NO.	MATERIAL	FINISH , REMARKS
2	BRASS	SURFACE PLATING : TIN PLATING 1μm min UNDER PLATING : NICKEL 1μm min
1	PA	BLACK UL94V-0

NO.	MATERIAL	FINISH , REMARKS
6	POLYESTER	
5	POLYSTYRENE	
4	POLYIMIDE	PICK & PLACE TAPE
3	BRASS	SURFACE PLATING : TIN PLATING 1μm min UNDER PLATING : NICKEL 1μm min

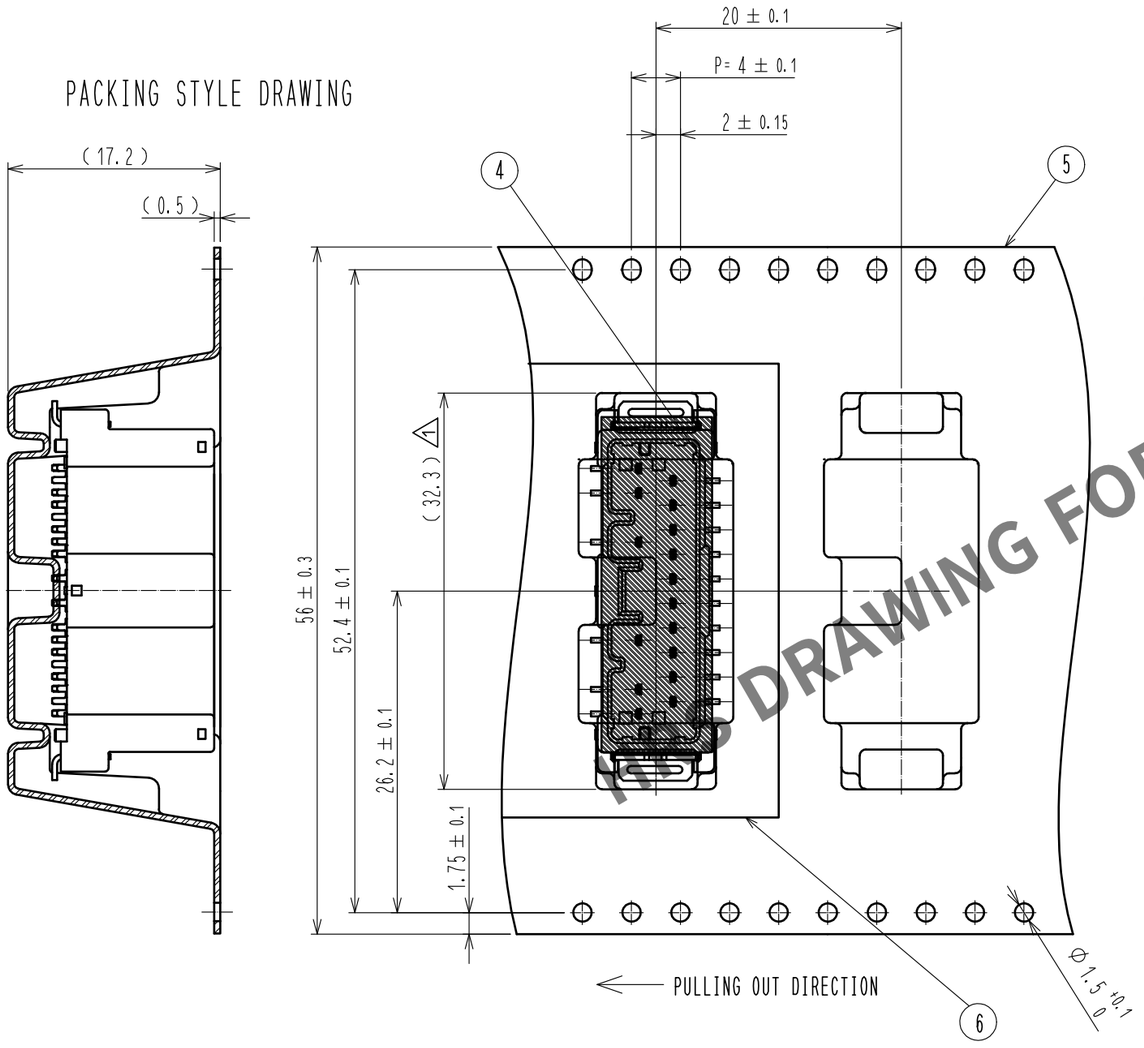
UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	1	7	DIS-T-00007353	DK. YAMASUSO	KH. MARUNO	20201204

HIROSE ELECTRIC CO., LTD.	APPROVED : HH. TSUKUMO 20200804	DRAWING NO.	EDC-379785-00-00
	CHECKED : HH. TSUKUMO 20200804	PART NO.	ZE05H-16DP-2V
	DESIGNED : YH. MAMADA 20200804	CODE NO.	CL0752-2314-0-00
	DRAWN : YH. MAMADA 20200804		1/2

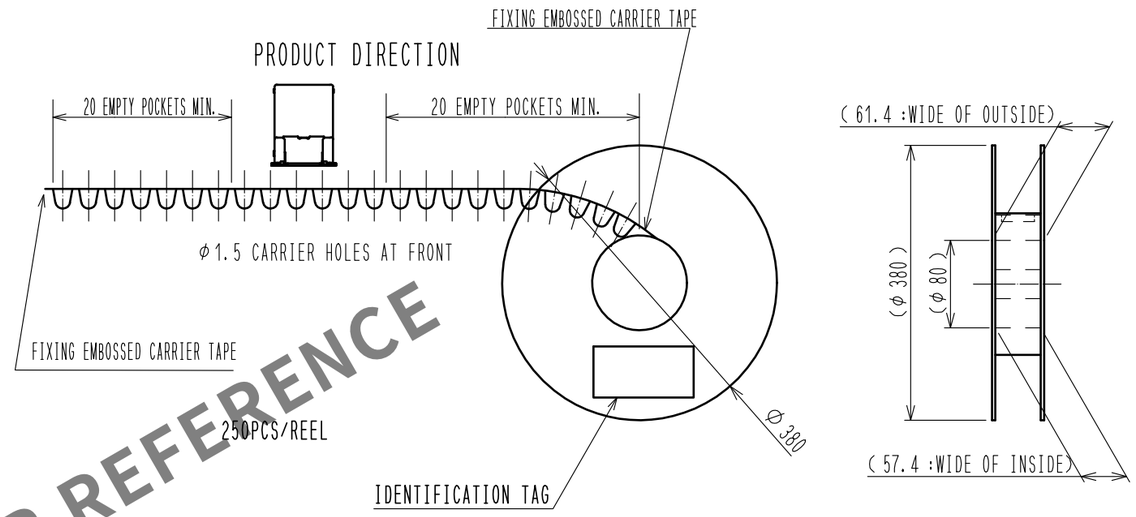
May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

PACKING STYLE

PACKING STYLE DRAWING



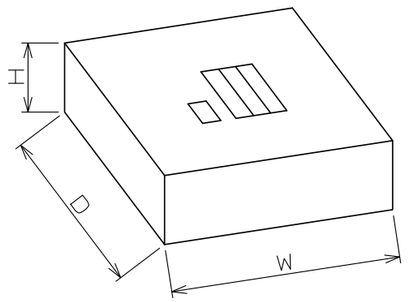
REEL DIMENSION(FREE)



HRS DRAWING FOR REFERENCE

CARDBOARD DIMENSION(FREE)

W=(405) (mm)
D=(405) (mm)
H= (63) (mm)



HRS	DRAWING NO.	EDC-379785-00-00
	PART NO.	ZE05H-16DP-2V
	CODE NO.	CL0752-2314-0-00

1 2/2

FORM HC0011-5-8