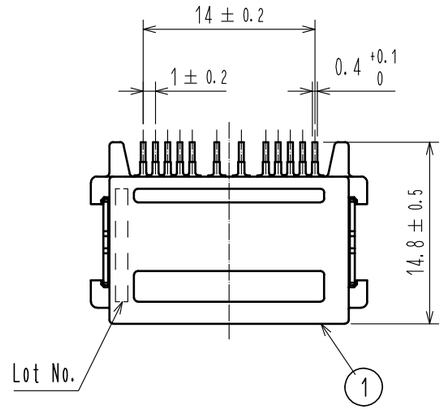
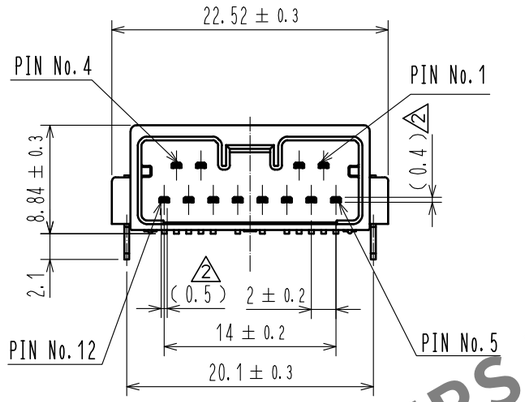
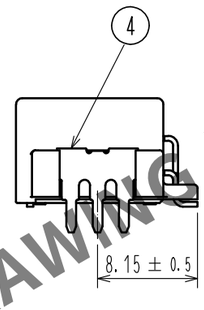
Nov.1.2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

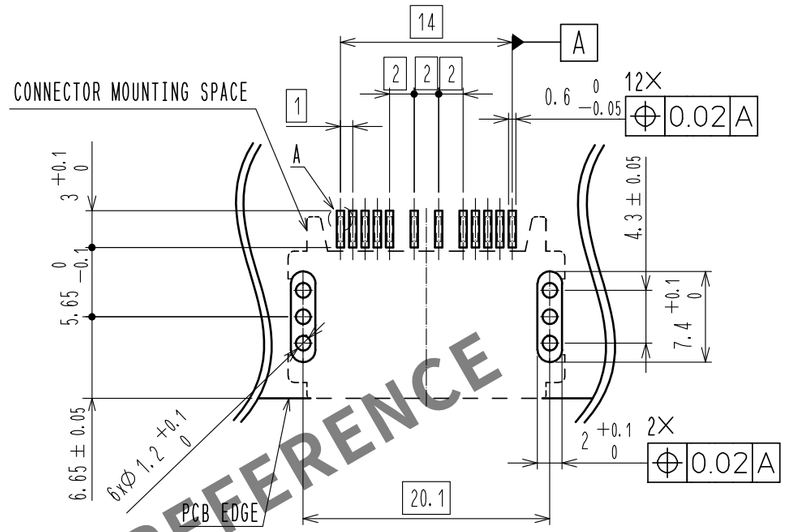
ELV, RoHS COMPLIANT

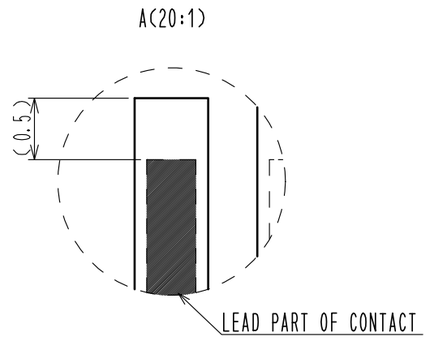






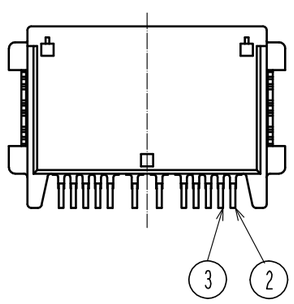
RECOMMENDED PCB PATTERN

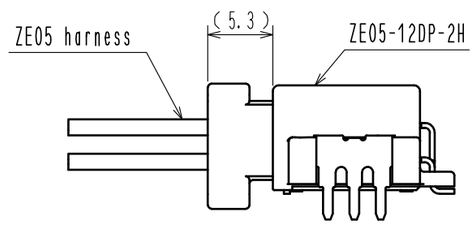




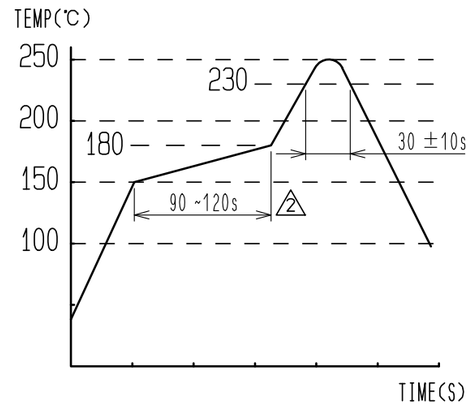
HRS DRAWING FOR REFERENCE

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
PREHEAET : 150~180℃
90~120s 2
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.



NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	BRASS	SURFACE PLATING : TIN PLATING 1μm min UNDER PLATING : NICKEL 1μm min	6	POLYESTER	
2	BRASS	SURFACE PLATING : TIN PLATING 1μm min UNDER PLATING : NICKEL 1μm min	5	POLYSTYRENE	
1	PA	BLACK UL94V-0	4	BRASS	SURFACE PLATING : TIN PLATING 1μm min UNDER PLATING : NICKEL 1μm min

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	2	6	DIS-T-00003979	YONGMUN LEE	HH. TSUKUMO	20181119

HIROSE ELECTRIC CO., LTD.

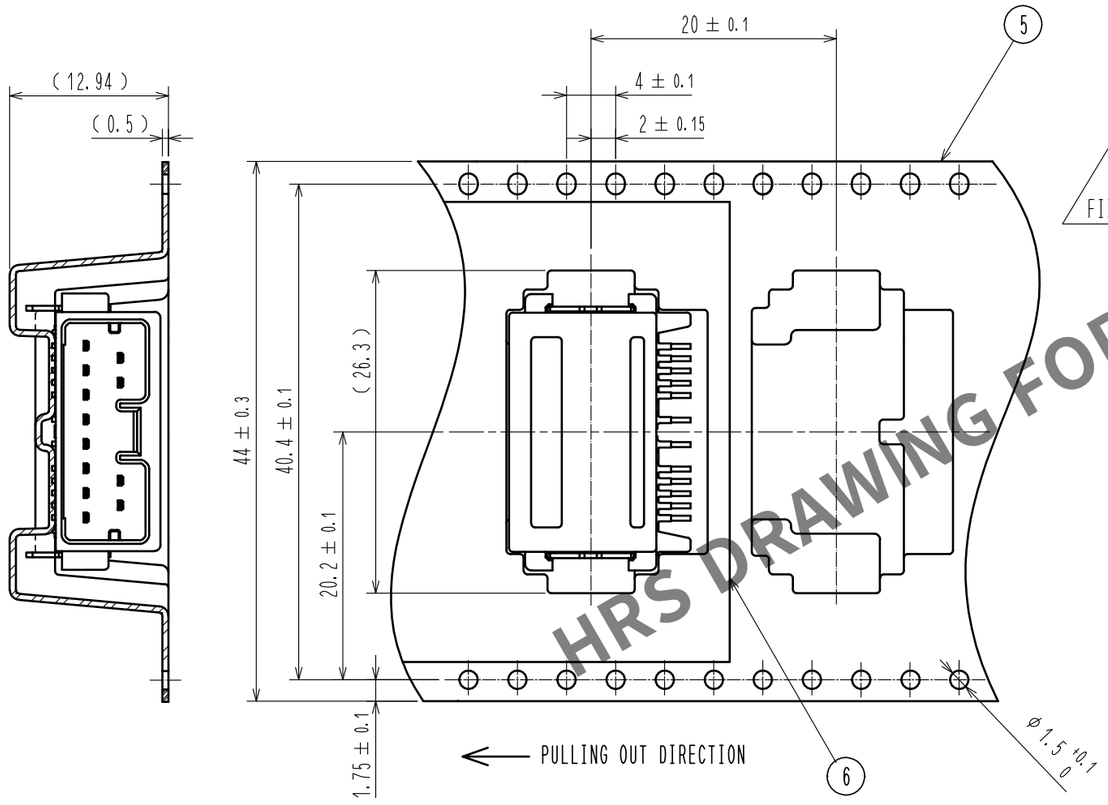
APPROVED	HK. UMEHARA	20170912
CHECKED	HK. UMEHARA	20170912
DESIGNED	AH. EDASHIGE	20170911
DRAWN	MN. SATOH	20170911

DRAWING NO.	EDC-368630-00-00
PART NO.	ZE05-12DP-2H
CODE NO.	CL752-2104-0-00 2 1/2

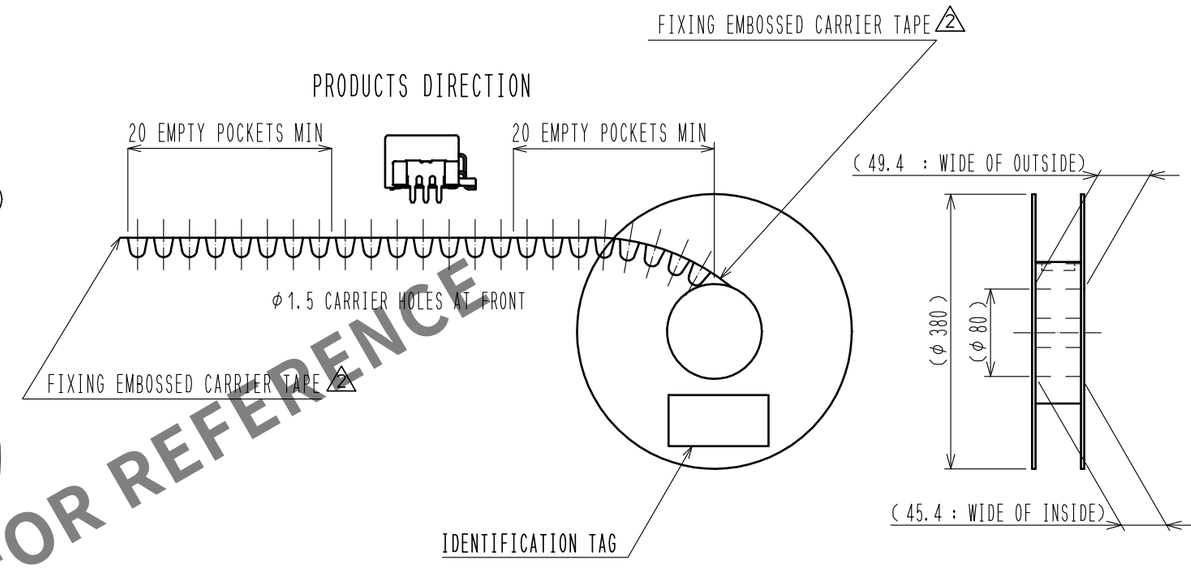
Nov.1.2025 Copyright 2025 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

PACKING STYLE

PACKING STYLE DRAWING



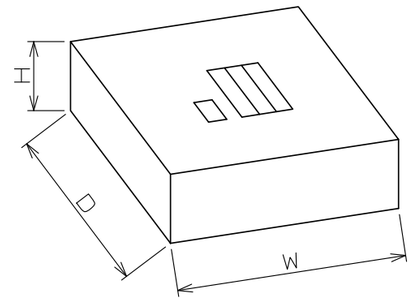
REEL DIMENSION (FREE)



300 PCS/REEL

CARDBOARD DIMENSION (FREE)

W=(405) (mm)
D=(405) (mm)
H= (51) (mm)



HRS DRAWING FOR REFERENCE

HRS	DRAWING NO.	EDC-368630-00-00
	PART NO.	ZE05-12DP-2H
	CODE NO.	CL752-2104-0-00 △2 2/2