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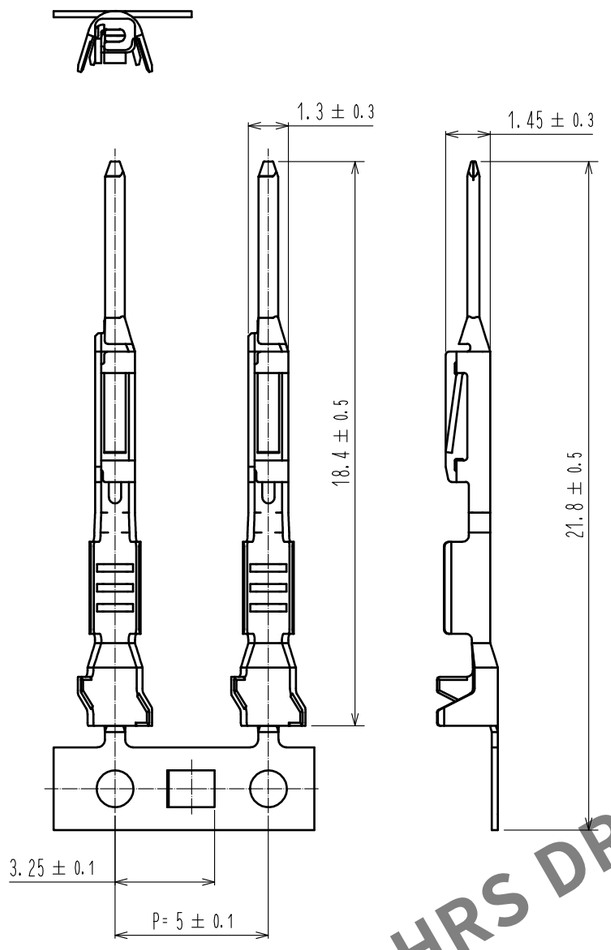
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

ELV, RoHS COMPLIANT

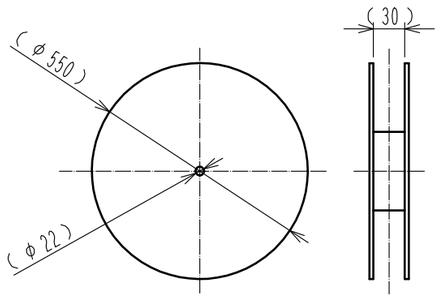


HRS DRAWING FOR REFERENCE

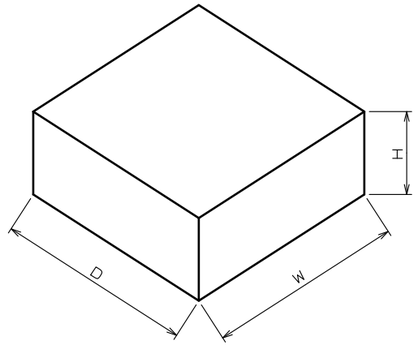
1. PACKAGING SPECIFICATION

(1) 15,000 pcs terminals are rolled on a reel.
(2) 5 reels are contained in a carton. (Total 75,000 pcs in one carton)

DRAWING FOR REEL (FREE)



DRAWING FOR CARTON (FREE)



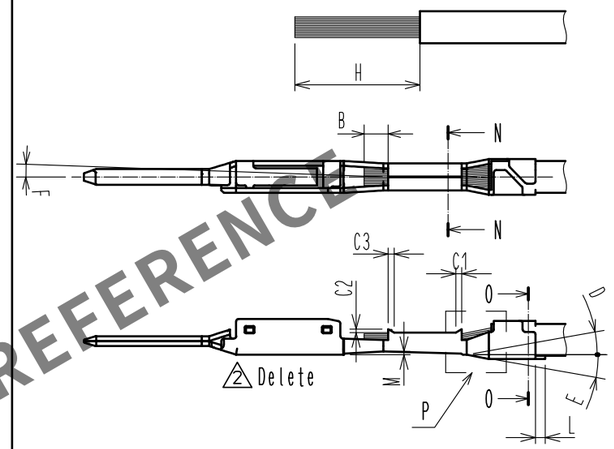
W=(560) mm
D=(570) mm
H=(250) mm

2. CRIMP QUALITY STANDARD

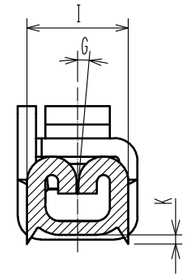
1. Scope
This technical specification prescribes crimp condition of ZH05-2224PCF (CL756-2001-0)

2. Applicable wire
・Applicable wire size : 0.22～0.35SQ
・Applicable insulation size : φ0.9～φ1.4

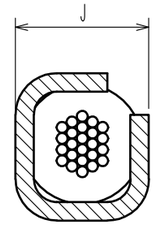
3. Quality standard



N-N(WIRE BARREL CROSS-SECTION IMAGE)

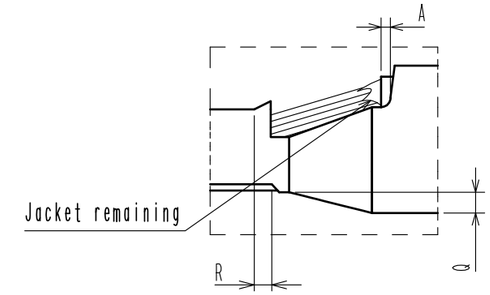


O-O(INSULATION BARREL CROSS-SECTION IMAGE)



CHECK POINT		MEASURE (mm)
COVER LOCATION	A	0.3～0.8
LOCATION OF TIP OF THE CORE	B	0.1～0.6
BELL-MOUTH	C1	0.1～0.4
	C2	0.1 max
	C3	0.15 max
BEND-UP	D	2° max
BEND-DOWN	E	3° max
TWIST	F	±2° max
ROLLING	G	±5° max
STRIP LENGTH	H	4.0～4.6
WIDTH WIRE BARREL	I	1.36 max
WIDTH INSULATION BARREL	J	1.47 max
HEIGHT OF METAL CUT-OUT TEETH	K	0.15 max
CUT-OFF TAB	L	0.1 max
DIFERENCE IN LEVEL ON TRANSITION PART APPLY ONLY BEND-UP	M	0.2 max
DIFERENCE IN LEVEL BETWEEN WIRE BARREL AND INSULATION BARREL	Q	0.2～0.25
DISTANCE BETWEEN WIRE-CRIMPER AND WIRE-ANVIL	R	0.15～0.31

P enlarged view



Note1. Refer to a crimp condition list for the crimp height.
Note2. A barrel may nip at insulation after crimping, but there is no problem in product function.
Note3. Please confirm that the terminal which did crimp enters a housing.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
1	BRASS	SURFACE : TIN PLATING 1μm min UNDER : COPPER PLATING 0.3μm min			

UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	2	1	DIS-T-00006514	KH. MARUNO	HK. UMEHARA	20200804

HIROSE ELECTRIC CO., LTD.

APPROVED	HK. UMEHARA	20191227
CHECKED	OM. MIYAMOTO	20191227
DESIGNED	KH. MARUNO	20191227
DRAWN	KH. MARUNO	20191227

DRAWING NO.	EDC-386851-00-00
PART NO.	ZH05-2224PCF
CODE NO.	CL756-2001-0-00

2 1/1