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CTQ Table

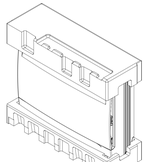
No.	CTQ Item	Unit	Value & Tolerance			Z-Value	
			Target	LSL	USL	Zst	Zlt
1							
2							
3							
4							

Division		Definition	Mark	Drawing Yes/No	Ctrl No?
검토용 Working Dimension	간섭/주요 CTQ(주요 Dimension)	제품 성능 및 안전성 등의 중요 품질에 영향을 주는 핵심 특성치(Core characteristic value which can make a serious effect to function or safety of the product)		Y	Y
	양산관리 Mass production management dimension	양산 제품의 품질과 생산 제품을 위한 치수로, 도금 등의 협력회사 품질관리 시 관리되어야 할 항목(Dimension for the specification deviation management of the mass production part, it should be checked with incoming inspection by QA/QC or outgoing inspection by supplier)		Y	Y
참조용 Design Dimension	개발관리용 Development management dimension	설계의 올바른 평가 위해 개발을 위한 치수로, 제작된 금형(Jig, 툴)에 대한 검증(Jig 툴 검증)(Dimension for new equipment's approval, all that dimension should be checked at PR stage for approval)		-	Y
	참고치 Reference Dimension	공차 사상 부여 되지 않는 설계(Jig 제작을 위한 치수) 실제 품질관리 되는 제품과 무관(Dimension for the design concept application or Welding making, or another reference)	-	-	-

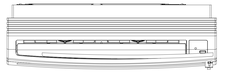
General Tolerance		Length(mm)						
Mark	Classification(+/-LS)	0.5~3	3~6	6~30	30~120	120~400	400~1000	1000~2000	2000~4000
F	Fine (+/-Grade)	0.05	0.05	0.1	0.15	0.2	0.3	0.5	-
M	Medium (+/-Grade)	0.1	0.1	0.2	0.3	0.5	0.8	1.2	2.0
C	Coarse (+/-Grade)	0.2	0.3	0.5	0.8	1.2	2.0	3.0	4.0
V	Very Coarse (+/-Grade)	-	0.5	1.0	1.5	2.5	4.0	6.0	8.0

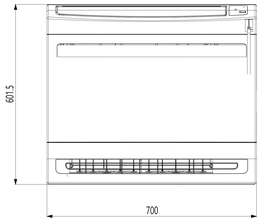
General Tolerance		Round/Chamfer(±mm)	Angle (±Degree' Minute' Second")			
Mark	Classification(+/-LS)	0.5~3	3~6	6<L	L≤10	10<50	50<120	120<400	400<L
F	Fine (+/-Grade)	0.2	0.5	1.0	1°	30'	20'	10'	5'
M	Medium (+/-Grade)	0.2	0.5	1.0	1°	30'	20'	10'	5'
C	Coarse (+/-Grade)	0.4	1.0	2.0	1°30'	1°	30'	15'	10'
V	Very Coarse (+/-Grade)	0.4	1.0	2.0	2°	2°	1°	30'	20'

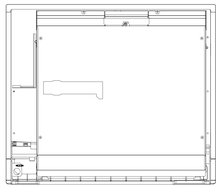
3D VIEW

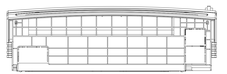


3D VIEW









CT	DKTH				
DWG NO	PART CLSTN				
Qty	NO	P/NO	DESCRIPTION	SPEC	
1	1	ACL7300501	Cover Assembly_Module(Indoor)	1503T3AC00 (LA_7300501) ZMWPSSGAG DA 05PR 2024 NEW PDC	
1	2	AJF7300701	Structure Assembly_Module(Indoor)	AJF7300003 (LA_8300630) ZMWPSSGAG DA 05PR 2024 NEW PDC	
1	3	ABQ03909101	Case Assembly_Control Module(Indoor)	ZMWPSSGAG APPLIT DA 05PR 2024 NEW PDC	
1	4	AMK30001001	Interface Assembly_Module	ZMWPSSGAG DA 05PR PDC Console for USA	
1	5	AJF7300201	Package Assembly_INNER	DA 05PR Sticker STD Console 3D NEW	
1	6	AAA30913401	Accessory Assembly_Module(Indoor)	ZMWPSSGAG DA 05PR PDC Console for USA	

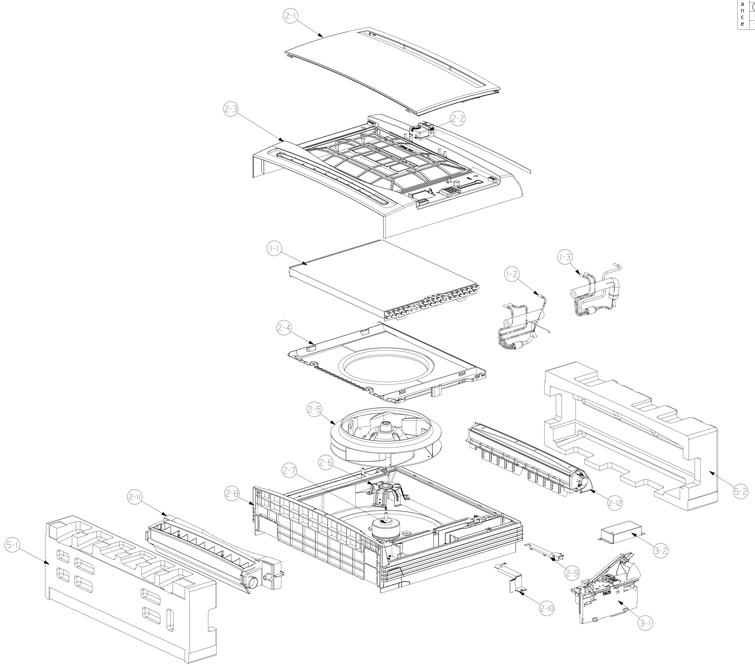
제품기(MATERIAL)
1. 본 부품에 금지물질(Pb,Cd,Hg,Cr+6,PBB,PBDE,DEHP,DBP,BBP,DIBP)이
전함되지 않도록하고, 상세물은 LG-ICO-A-9003 "제품 유해물질의 기준"을 참조할 것.
2. 기타 제품의 상세물은 원칙은 Maker의 승인하에 준할 것.
생산기(PRODUCTION)
1. 원칙상 및 기타 고도 생략에를 위한 기준은 3D Data를 활용할 것.
2. 운송, 처리시 찍힘, 변형, 흠이 발생하지 않도록하고, 내부에 이물질이 침투가 없도록 할 것.
3. 조립 방법 및 순서는 BPDS의 작업 지침에를 따를 것.
검사기(INSPECTION)
1. 작업시 외관상 흠이나 기타 유해한 결함이 발생하지 않도록 할 것.
시험신뢰기(RELIABILITY)
해당없음.
MATERIAL SPECIFICATIONS
1. The part should not contain prohibited substances (Pb,Cd,Hg,Cr+6,PBB,PBDE,DEHP,DBP,BBP,DIBP)
and details should be complied with LG-ICO-A-9003 "
The standard of hazardous substance management for LGE product",
2. Details of other materials should be in accordance with the approval of raw material maker.
PRODUCTION SPECIFICATIONS
1. Use the 3D data when assembling dimension is defined.
2. There should not be damaged for a treatment and transport and
Do not allow foreign matter to penetrate inside.
3. The assembly method and procedure should follow the WISS,(Work Instruction Support System)
INSPECTION SPECIFICATIONS
1. The surface should be no harmful defects or scratching in operation.
RELIABILITY SPECIFICATIONS
N/A

QT	ZMWPSSGAG ENMEUS DA 05PR PDC Console for USA	EA-2	EA-01
WDTH	Spec	Net Weight(kg)	Gross Weight(kg)

SYM	REVISION	ECO NO.	DATE	PREPARED
A	제품명 PDC 전용 홈즈넷도 3D 반영	EA2300003(3)	24/09/25	김민철

DIE/MOLD TYPE	UNIT	mm	SCALE	1/5
동시설계 Concurrent Input	DESIGNED	REVIEWED	CHECKED	APPROVED
DIE MAKER / MANUFACTURER	24/09/25	24/09/25	24/09/25	24/09/25
동시설계 Concurrent Input / 동시설계 Concurrent Input	김민철	김윤신	김태일	박현

TITLE: Unit Assembly, Indoor
MODEL_NAME
DWG. NO: AJT3005981(1/2)
SHEET NO: 1 OF 1



EXPLODED VIEW

SYM	REVISION	ECO NO.	DATE	PREPARED

DIE/MOLD TYPE	UNIT	mm	SCALE	1/5
동시설계 Concurrent Input	DESIGNED	REVIEWED	CHECKED	APPROVED
DIE MAKER / MANUFACTURER	24/09/25	24/09/25	24/09/25	24/09/25
동시설계 Concurrent Input / 동시설계 Concurrent Input	김민철	김윤신	김태일	박현

TITLE: Unit Assembly, Indoor
MODEL_NAME
DWG. NO: AJT3005982(2/2)
SHEET NO: 1 OF 1