




07-TN01-12

Dwg. Release Notice (D. R. N)

図面発行通知書

<input type="checkbox"/> New	<input checked="" type="checkbox"/> Rev.	<input checked="" type="checkbox"/> Official	<input type="checkbox"/> Adv.
<input type="checkbox"/> S0	<input type="checkbox"/> S1	<input checked="" type="checkbox"/> MP	
<input type="checkbox"/> Plan	<input type="checkbox"/> LM	<input type="checkbox"/> RS	<input type="checkbox"/> RC <input type="checkbox"/> TR

	Appr.A	Appr.	Conf.2	Conf.1	Originator	Tracer
Date		30/Sep/'22	30/Sep/'22			25/Sep/'22
Signature						

Inhouse No.	MP22-01811-007	Flow	N	Subject	3A0 SW ASSY, DRIVE MODE&I/STOP OFF&HDC 照明改善 SW ASSY, DRIVE MODE&I/STOP OFF&HDC ILLUMINATION IMPROVEMENT.
Cust.D/C No	A-21-03740	Division	4SD		
Dev.No.	4R-60-158	M/P Timing	2022/07		

A Key No.	P Key No.	Dwg.No.	Part Name
4SW25676B2	A43427-12	35720-3A0 -D110-M1-A	SW ASSY, DRIVE MODE&I/STOP OFF&HDC
Customer Name	Customer Order No.	Customer Dwg No.	Customer Part Name

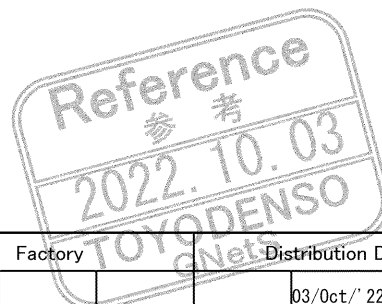
Purpose	Content	Attached Docs. <input type="checkbox"/> With <input checked="" type="checkbox"/> W/O	Internal D/C Reason
<ul style="list-style-type: none"> 法規対応の要否：要 RESPOND FOR REGULATION:NEED 法規名：NH(ELV指令)適用 REGULATION'S NAME:NH APPLY (COMFORM TO ELV) 法施行日：詳細は製品含有化学物質管理基準書による REGULATION EFFECT DATE: DETAIL REFER TO CHEMICAL CONTROL GUIDELINE OF TOYO DENSO 	35720-3A0 -D110-M1-AをMP設定出図致します。 35720-3A0 -D110-M1-A MP REVISION DWG ISSUE. 【社内/INTERNAL】 照明仕様連絡書 (22-S-L-0029) を適用。 / APPLY ILLUMINATION SPECIFICATION SHEET (22-S-L-0029). -抵抗部品変更/RESISTANCE COMPONENT CHANGE. ※詳細については、MP22-01811-001の添付資料を参照のこと。 ※DETAILS OF CHANGE REFER TO THE ATTACHED DOCUMENT OF ARRANGEMENT NO. MP22-01811-001.		1 Design Error 2 Drawing Mistake 3 Oversight 4 Reliability/Quality Improvement 5 Cost Down(VA) 6Material/Purchase Part Change 7 Key No. Adjust 8 Other

No.	Old Key No.	New Key No.	Add.	Del.	Cust	TEC	Part Name	Size	Reason	Obsolete Date
1	4SW25676B1	4SW25676B2				○	SW ASSY, DRIVE MODE&I/STOP OFF&HDC	A0	7	
2	A43427-11	A43427-12					SW ASSY, DRIVE MODE&I/STOP OFF&HDC			
3	4SW25676B1	4SW25676B2				○	LIST (2 PAGES)	A4	7	
4	F66237-11	F66237-12				○	DRIVE MODE&I/STOP OFF&HDC SW UNIT	A1	7	
5	F66248-07	F66248-08				○	BASE COMP MODE D1	A2	7	
6	F66249-07	F66249-08				○	PCB COMP MODE D1	A2	4	
7										
8										
9										
10										

Nội dung : (thay đổi nội bộ)
 Cải tiến chất lượng
 Áp dụng tài liệu liên lạc thông số chiếu sáng (22-S-L-0029)
 Thay đổi linh kiện điện trở
 * Chi tiết tham khảo tài liệu đính kèm bản vẽ MP22-01811-001
 (Phần dịch này chỉ mang tính chất tham khảo chi tiết mọi người xác nhận lại trong bản vẽ)

Degree of Urgency	<input type="checkbox"/> Rank A	<input type="checkbox"/> Rank B	<input checked="" type="checkbox"/> Rank C	<input type="checkbox"/> Rank D	Compatibility	<input type="checkbox"/> Yes
	Apply to all products including delivered and assembled parts.(Immediate specification change including exchanging/replacing product.) (製品交換を含む即時切替)	Current inventory parts cannot be used.(Immediate specification change with instruction of changing lot) (即時ロット指定切替)	Can change after current stock is gone.(Change with instruction of final lot of current stock) (現在庫終了ロットを指定し切替)	Change to part doesn't affect quality or delivery.(Dwg number change, mistake correction, apply change at new tool creation timing etc.) (ロット指定不要)		<input checked="" type="checkbox"/> No

Application ランニングチェンジ。
Instruction RUNNING CHANGE.



Distribution Information												Factory		Distribution Div.			
	MF	KF	WT	ST	TT	IT	GT	VT	UT			Date			03/Oct/'22	03/Oct/'22	
Shipping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			Signature					
Assembly																	
Parts																	

[9V100], [V2100260], JST:17:23:45,"V"

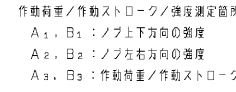
注記:HDC SW

1. 取付位置 仕様一覽に依る。
2. 定 価 仕様表に依る。
3. 組込回路 2 回路
4. 動作方式 PULL-UP、AUTO RETURN方式
5. 組込部 組込 各ジャンクションの含率値は17%
6. 作動時間 耐久度 各ジャンクションの含率値は10%
7. 作動率 5.0、0.98N
8. 組込試験項目 350℃・T20 - 00 (SPEC STANDARD) 温度一覽に準ずる。
9. 組込試験条件 適用項目以下表に依る。
10. 測定箇所 仕様表に依る。

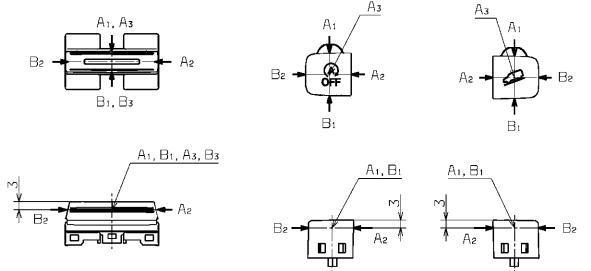
DCV	55
RATINGCOMP	

NOTES: HDC SW

1. INSTALLATION LOCATION : SEE SPECIFICATION TABLE.
2. RATING : RIGHT FIG.
3. DURABILITY : 20,000 CYCLES
4. OPERATING METHOD : PUSH-PULL AUTO RETURN METHOD.
5. RESISTANCE VALUE : AFTER $\pm 7\%$ OF STANDARD VALUE OF EACH POSITION.
AFTER DURABILITY $\pm 10\%$ OF STANDARD VALUE OF EACH POSITION.
6. OPERATING LOAD : 5.0±0.09N
7. ILLUMINATION : SEE SPEC OF STYLING SURFACE.
8. EVALUATION TEST : CMS : SEE THE BOTTOM TABLE FROM 35502-120 -003/SPEC STANDARD
9. MEASURING LOCATION : SEE THE FIGURE TO THE RIGHT.
10. IT DEPENDS ON THE COMPONENT WHICH TEST SPECIFICATION HAS TO BE USED.



OPERATING LOAD/OPERATING STROKE / DIRECTION STRENGTH MEASURING LOCATION
 A1.B1: UP & DOWN DIRECTION STRENGTH
 A2.B2: RIGHT & LEFT DIRECTION STRENGTH
 A3.B3: OPERATING LOAD / OPERATING STROKE



1.9 ± 0.1

0.1 ± 0.1

OFF POSITION ON POSITION FULL STROKE

作動ストローク及びオン位置の寸法
OPERATING STROKE AND ON POSITION

①マークは、ILLUSTRATORで図る。
(120A-SW ASSY,DRIVE MODE & OTHER-KA-V200.ai)
②、発光可能範囲が最低照度性を満足していること。



③ MARK SHAPE SHALL CONFORM TO APPROVED ILLUSTRATOR.
(120A-SW ASSY,DRIVE MODE & OTHER-KA-V200.ai)
④ THE ILLUMINATION OF THE POSSIBLE ILLUMINATION AREA SHALL SATISFY THE SPEC OF STYLING SURFACE..

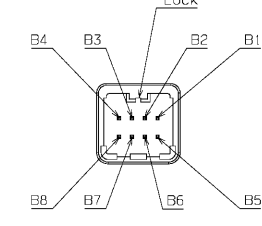
DRIVE MODE

▲

Ⓐ OFF

▼

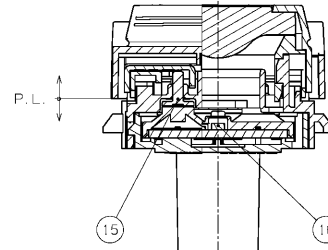


④ コネクター寸法(2:1)
CONNECTOR DIMENSION

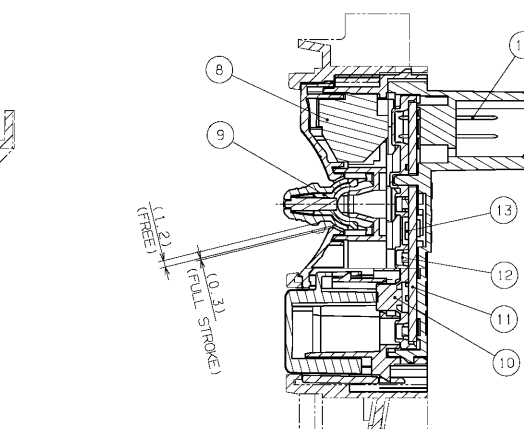
グリス塗布範囲
GREASE APPLICATION INSTRUCTIONS



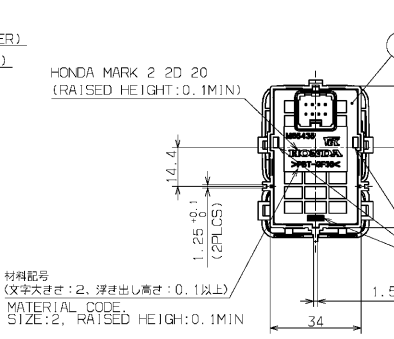
グリス塗布範囲
GREASE APPLICATION INSTRUCTIONS



SECTION CC(2):




SECTION AA(2:1)



材料記号
(文字大きさ:2、浮き出し高さ:0.1以上)

MATERIAL CODE
SIZE:2, RAISED HEIGHT:0.1MIN



1.5

34

図中 (C) MARKは、流用部品を示
(C) SHOW COMMON PART.

注記

1. 本製品は、HES C 206適用品である。
2. 材料名を表示すること、適用範囲及び表示方法については、HES A 3035に依る。
3. 印刷フィージング・外観は、マスターサンプルに依る。
4. 諸色についてはSSと調整のこと。
5. 外観部に有害なバリ無きこと。バリ限度については、限度見本に依る。
6. ノブ付角度と投点C角度が逆転せず確実に動作すること。
7. 本製品（製品）は、興業製鋼グループ「教員用全化学修習管理基準書」準拠のこと。

NOTES:

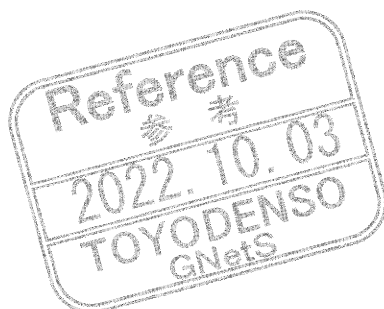
1. THIS PART SHALL CONFORM TO HES C 206.
2. CODE OF MATERIAL SHALL BE STAMPED ON CODE DIE. IDENTIFICATION CODE OF MATERIAL SHALL CONFORM TO HES A 3035.
3. ILLUMINATION, OPERATING FEELING AND APPEARANCE SHALL CONFORM TO MASTER.
4. IDENTIFICATION SHALL BE COORDINATED WITH HONDA FACTORY.
5. THERE SHALL BE NO HARMFUL BURR ON THE APPEARANCE AREA.
LIMIT OF BURR CONFORM TO LIMIT SAMPLE.
6. KNOB OPERATING AREA AND CONTACT-ON ANGLE SHALL BE OPERATED SECURELY WITHOUT REVERSING.
7. THIS PRODUCT (PART) SHALL BE APPLIED BY TOYO DENSO GROUP
"MANUFACT STANDARD OF CHEMICAL SUBSTANCE IN THE PRODUCTS".

[illegible]

2	MP22-01811-007	A-21-03740	2022-09-27	(S. KIM)		K. SHIMAMURA	K. YAMAZAKI
1	MP22-01332-002	A-21-03740	2022-07-21	(K. IMAI)		K. SHIMAMURA	K. YAMAZAKI
MP	MP22-00867-001	A-21-03740	2022-05-17	(S. PIAO)		K. SHIMAMURA	K. YAMAZAKI
Revision No,			Date	Designed	Check1	Check2	Approval
DWG. No 35720-3A0 -D110-M1-A (Other No.)				A, Key-No. 4SW25676B2		P, Key-No. A43427-12	
Name SW ASSY, DRIVE MODE&I/STOP OFF&HDC						ABBREV MOS	ACT-CLS 4SD

Md	P, KEY-No	Lv	NAME	Q, T, Y		Note
Ch	F66237-12	1	DRIVE MODE&I/STOP OFF&HDC SW UNIT	1	PCS	
	M85423-05	2	PANEL (LASER)	1	PCS	
	M85424	3	PANEL DRIVE MODE (AI)	1	PCS	
	M85425-05	3	PANEL (COAT)	1	PCS NH-900L	
	M85426-04	4	PANEL (MATL)	1	PCS	
	F65462-06	2	KNOB COMP MODE	1	PCS	
	M85427-03	3	KNOB MODE (COAT)	1	PCS NH-1071L	
	M85428-02	4	KNOB MODE (MATL)	1	PCS	
	M85429-03	3	LENS MODE	1	PCS	
	M85430-03	3	KNOB JOINT	1	PCS	
	M86884-04	2	KNOB IDLE D1 (LASER)	1	PCS	
	M86887	3	KNOB IDLE B1 (AI)	1	PCS	
	M86880-03	3	KNOB HDC B1 (COAT)	1	PCS	
	M86399-03	4	KNOB HDC B1 (MATL)	1	PCS	
	M86885-03	2	KNOB HDC D1 (LASER)	1	PCS	
	M86888	3	KNOB HDC B1 (AI)	1	PCS	
	M86879-03	3	KNOB IDLE B1 (COAT)	1	PCS	
	M86398-03	4	KNOB IDLE B1 (MATL)	1	PCS	
	F66247-06	2	CASE COMP MODE D1	1	PCS	
	M86400-05	3	CASE MODE D1	1	PCS	
	M85433-02	3	LENS	1	PCS	
	M85434-02	2	PUSH ROD	4	PCS	
	G05563-06	2	RUBBER CONTACT MODE D1	1	PCS	
Ch	F66248-08	2	BASE COMP MODE D1	1	PCS	
Ch	F66249-08	3	PCB COMP MODE D1	1	PCS	
	E19553-05	4	PCB MODE D1	1	PCS	
Add	V01430	4	RFCC-3. 6KJ1/4W	2		
Add	E05334	5	RFCC-3. 6KJ1/4W-R-MCR18			ROHM
Add	E17489	5	R-CR32-362JV			
	E18466	4	LED-A102418HWH27276AX	2		
	E18457	4	LED-A102418HWH27276IN	1		
	E08430	4	RFCC-2. 0KJ1/4W-R-MCR18	1		
	E18460	4	LED-A102418HWH28286IN	1		

Md	P, KEY-No	Lv	NAME	Q, T, Y		Note
Add	V01420	4	RFCC-1. 8KJ1/4W	1		
Add	E07039	5	RFCC-1. 8KJ1/4W-R-MCR18			
Add	E16290	5	R-CR32-182JV			
Add	V01174	4	RFCC-4. 3KJ1/10W	2		
Add	E13734	5	RFCC-4. 3KJ1/10W-R-CR16			
Add	E06130	5	RFCC-4. 3KJ1/10W-R-MCR03			
	E18466	4	LED-A102418HWH27276AX	2		
	V00284	4	RFCC-2. 2KJ1/4W	1		
	E04941	5	RFCC-2. 2KJ1/4W-R-MCR18			
	E04942	5	RFCC-2. 2KJ1/4W-R-RK73			
	V01060	4	RFCC-750J1/4W	1		
	E11518	5	RFCC-750J1/4W-R-MCR18			BZランクLED用抵抗
	E13091	5	RFCC-750J1/4W-R-RK73			
	Y29000	4	SD/F/P/S/705/S70G/T4/115	0.1	g	Pb Free
	F65470-03	3	BASE SUB COMP MODE	1	PCS	
	M85435-02	4	BASE MODE	1	PCS	
	P23669-01	4	TERMINAL MODE	2	PCS	
	Y29630	3	SD/F/W/A/L48/GUMMIX21ZETA-A/065/035	0.1		
	Y28260	2	GREASE HI-LUBE THFMG01	0.14	g	
			- END -			



仕様
SPECIFICATION

1. 本品は ① ~ ④ を組み付けしたものである。

1. ASSEMBLY: ① ~ ④

2. 絵マークは、ILLUSTRATIONに依る。

(ILLUSTRATOR: T20A-SW ASSY.DRIVE MODE & OTHER-KA-V200.6i)

2. MARK SHAPE SHALL CONFORM TO APPROVED ILLUSTRATOR.

(ILLUSTRATOR: T20A-SW ASSY.DRIVE MODE & OTHER-KA-V200.6i)

注記
NOTE

1. 組み付け後、外観部に傷・汚れ・グリス付着等無きこと。

1. APPEARANCE AREA OF NO SCRATCH, NO STAIN, NO GREASE TO ASSEMBLY.

2. 本製品（部品）は、東洋電装グループ「製品含有化学物質管理基準書」準拠のこと。

2. THIS PRODUCT (PART) SHALL BE APPLIED BY TOYO DENSO GROUP
"MANAGEMENT STANDARD OF CHEMICAL SUBSTANCE IN THE PRODUCTS"



⑤ ⑥ BASE COMP MODE D1 に ⑦ RUBBER CONTACT MODE D1
を組み付けのこと。

⑤ ASSEMBLE ⑦ RUBBER CONTACT MODE D1 TO ⑥ BASE COMP MODE D1.

⑥ ⑥ CASE COMP MODE D1 に ⑥ PUSH ROD及び ⑧ を組み付けのこと。

⑥ ASSEMBLE ⑥ PUSH ROD AND ⑧ TO ⑤ CASE COMP MODE D1.


⑥ ⑥ に ② KNOB COMP MODE, ③ KNOB HDC D1 及び ④ KNOB IDLE D1を組み付けのこと。

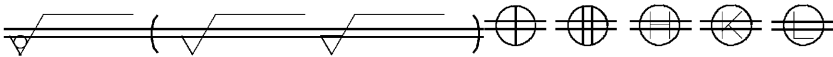
⑥ ASSEMBLE ② KNOB COMP MODE, ③ KNOB HDC D1 AND ④ KNOB IDLE D1 TO ⑥.

⑥ ⑥ に ① PANELを組み付けのこと。

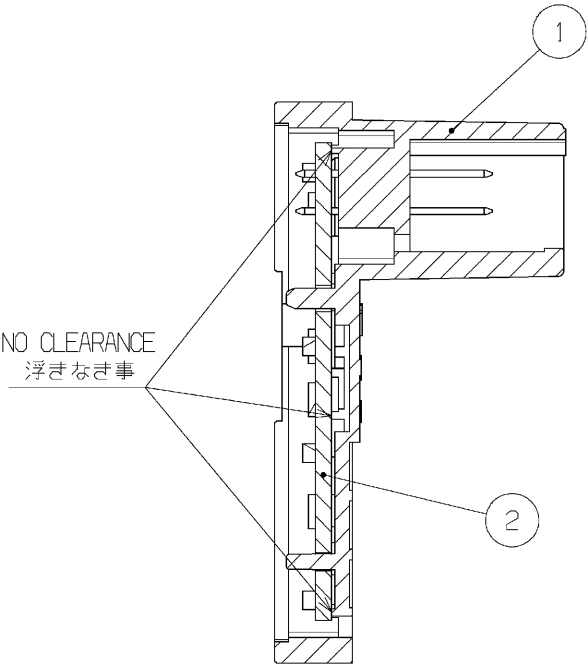
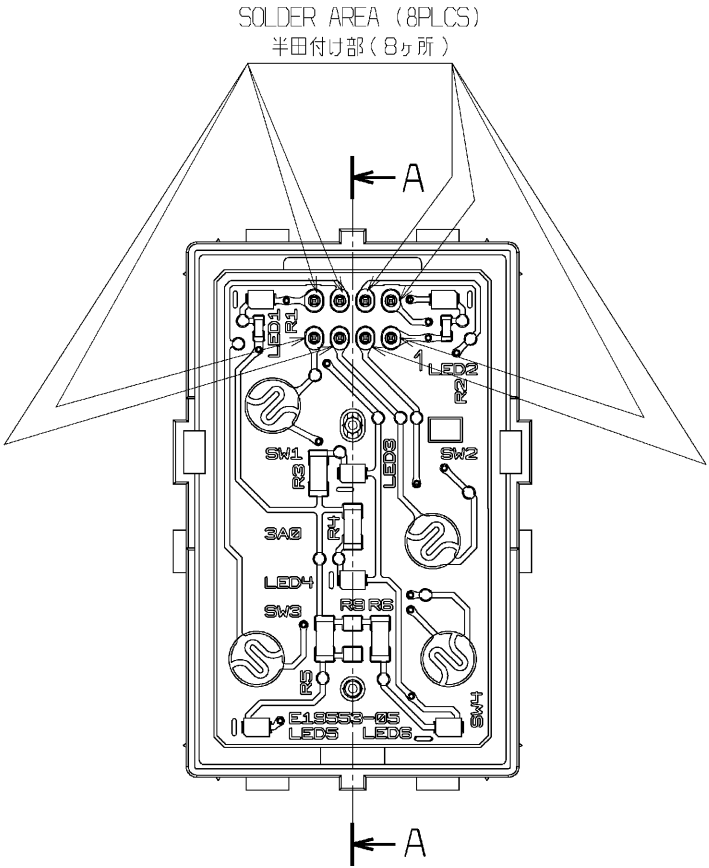
⑥ ASSEMBLE ① PANEL TO ⑥.



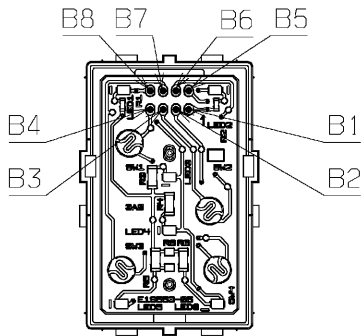
3	M22-01811-007A-21-03740	26-SEP-22	S. YAMAZAKI (S. KIM)	E. OHN	K. SHINAMURA	K. YAMAZAKI
2	M22-01832-008A-21-03740	20-JUL-22	S. YAMAZAKI (S. KIM)	E. OHN	K. SHINAMURA	K. YAMAZAKI
1	M22-01811-001A-21-03740	21-JUN-22	S. YAMAZAKI (S. KIM)	E. OHN	K. SHINAMURA	K. YAMAZAKI
MP	M22-00867-001A-21-03740	11-MAY-22	S. YAMAZAKI (S. KIM)	E. OHN	K. SHINAMURA	K. YAMAZAKI
Rev.	Revision No.	Date	Drawn/Checked	Check-1	Check-2	Approved
Safety	Environmental		Quantity	Key-No.		
			Q0 K1 KS0	F66237-12		
 Name: DRIVE MODERATOR OFF/HDCC SW UNIT Customer Dwg. No. Applicable Dwg. No. Material Sub Key-No.				Sub Key-No.		
Paper Size: A1 RYM				Scale: 2D 3D	Scale: 1:1	



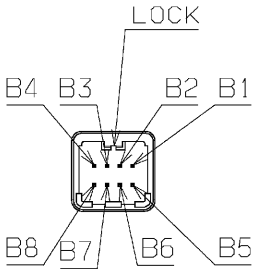
NO.	DWG. NO.	NAME	QTY	MATERIAL	REMARKS	DWG
1	F65470-03	BASE SUB COMP MODE	1			○
2	F66249-08	PCB COMP MODE D1	1			○
3	Y29630	SD/F/A/L/48/GUMIX2/ZETA-A/R/065/035	0.1g			○



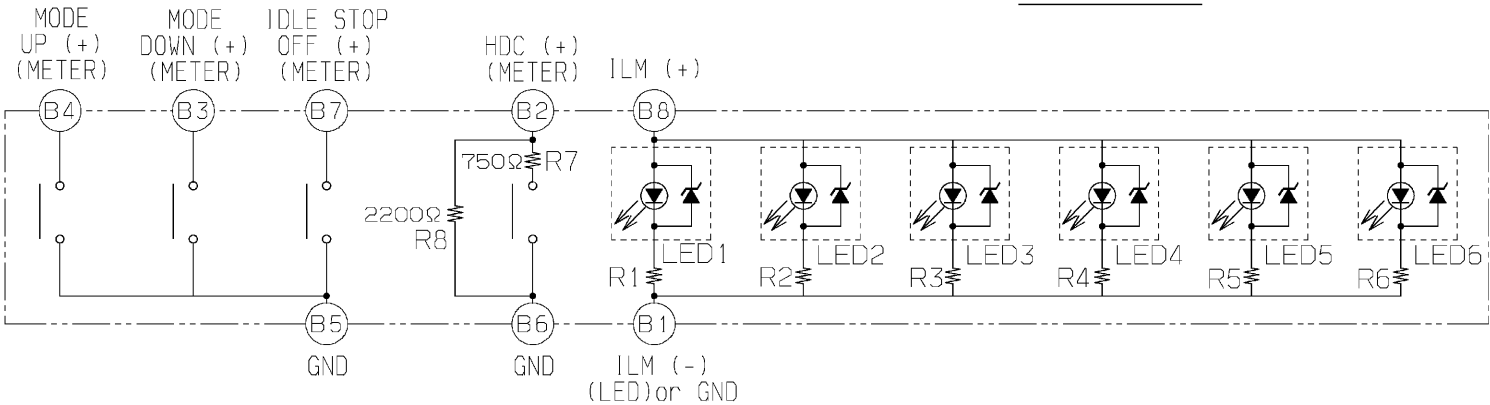
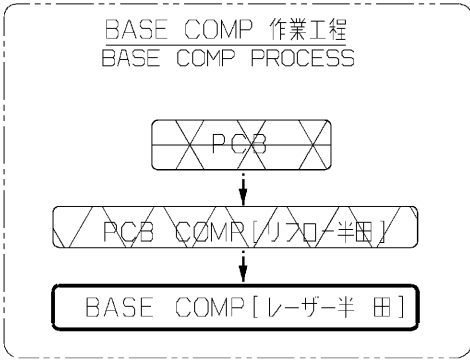
SECTION AA



回路端子位置(1:1)



端子配列(1:1)
TERMINAL LAYOUT



CIRCUIT DIAGRAM
回路図

仕様

SPECIFICATION

1. 本品は ① BASE SUB COMP MODE 及 ② PCB COMP MODE D1 を半田付けしたものである。

1. ASSEMBLY PROCESS: SOLDER ② PCB COMP MODE D1 TO ① BASE SUB COMP MODE.

注記

NOTE

1. 半田付けに依る部品の焼損・パターン剥離 及び 基板のソリ等無きこと。

1. NO DEFORMATION OF PCB, ELECTRICAL PARTS BURN, OR PEEL OF CIRCUIT PATH ALLOWED.

2. 本製品(部品)は、東洋電装グループ「製品含有化学物質管理基準書」準拠のこと。

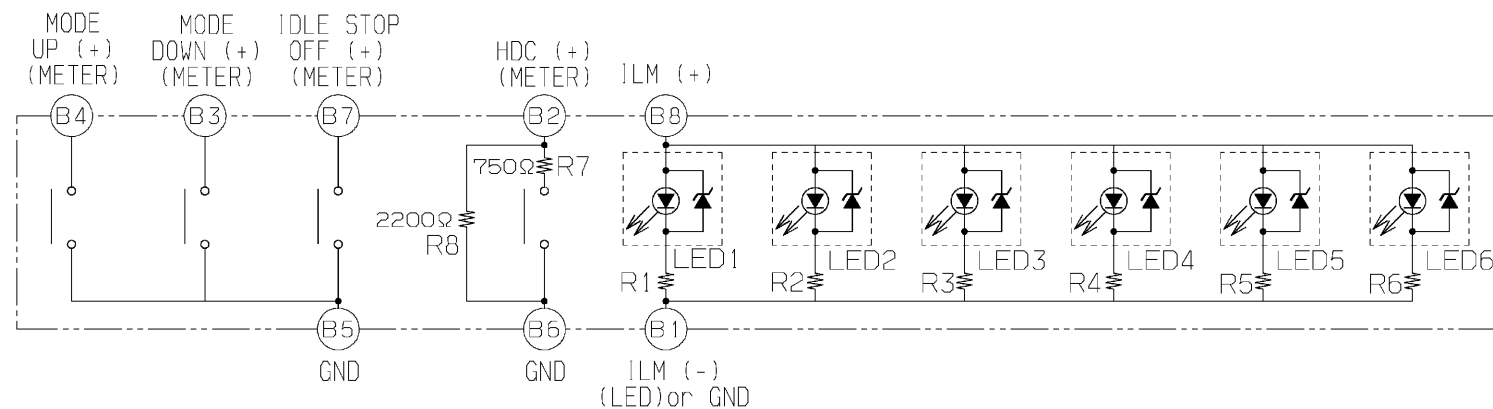
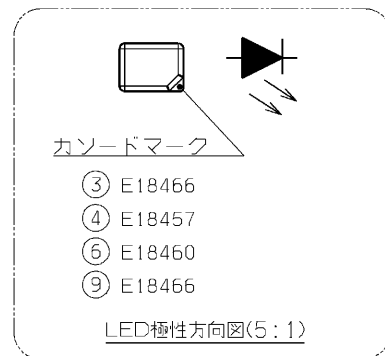
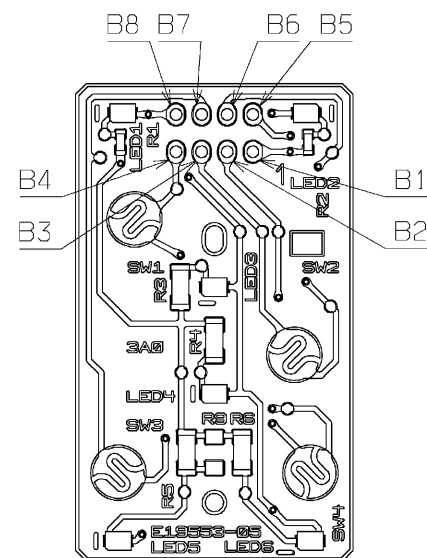
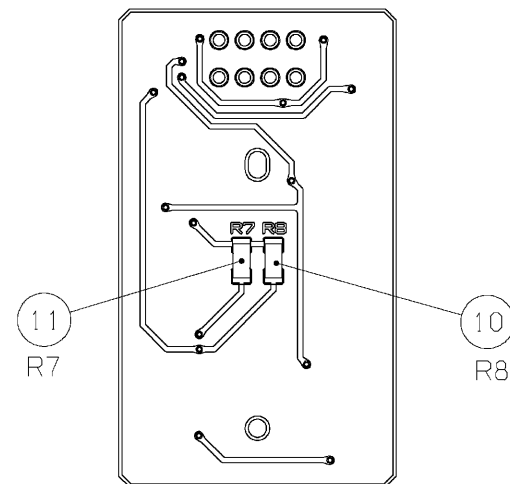
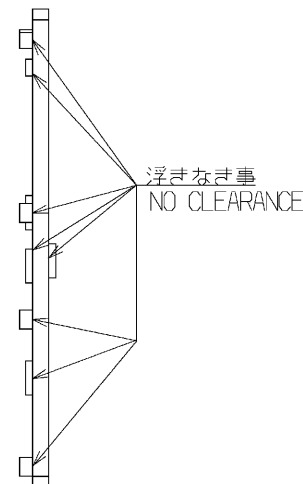
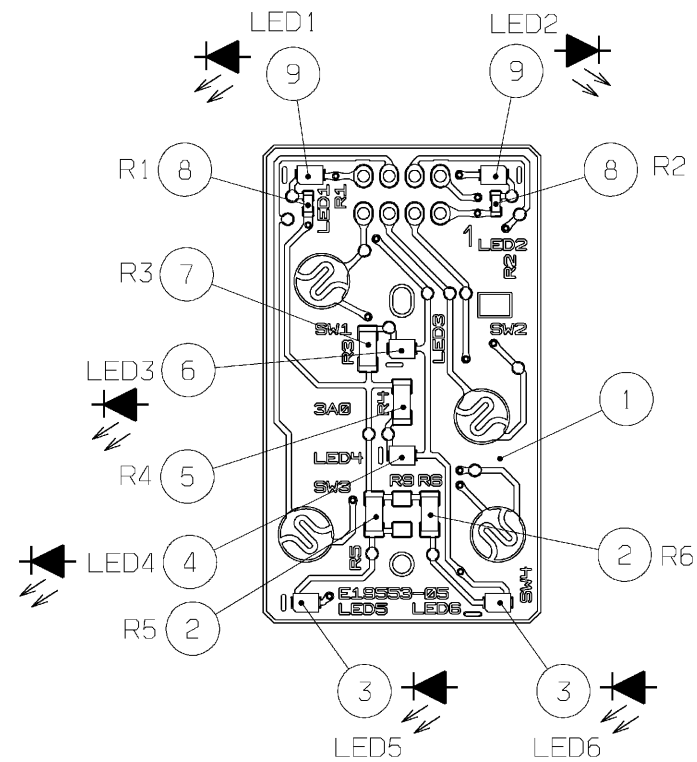
2. THIS PRODUCT (PART) SHALL BE APPLIED BY TOYO DENSO GROUP "MANAGEMENT STANDARD OF CHEMICAL SUBSTANCE IN THE PRODUCTS".

2	MP22-01811-007	A-21-03740	26-SEP-22	S. YUMIYA (S. KIM)	E. CHIN	K. SHIMAMURA	K. YAMAZAKI
1	MP22-01211-001	A-21-03740	28-JUN-22	S. YUMIYA (S. PHAO)	E. CHIN	K. SHIMAMURA	K. YAMAZAKI
MP	MP22-00867-001	A-21-03740	11-MAY-22	S. YUMIYA (S. PHAO)	E. CHIN	K. SHIMAMURA	K. YAMAZAKI
Rev.	Revision No.		Date	Designed	Check 1	Check 2	Approval
Safety	Environmental			Quality	Key-No.		
	NH NF			① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺	F66248-08		
Name				Sub Key-No.			
Customer DWG. No.				Sub Key-No.			
Applicable DWG. No.				Sub Key-No.			
Material				Sub Key-No.			
Paper Size	Mass.	Editor Code	Spec.	DWG. Type	Scale	Sub Key-No.	
A2	R.T.M	kg		2D+3D	2:1		

This drawing is a business secret of TOYODENSO Co., Ltd. and/or the company herein, and any act to copy, use or transfer this drawing without prior approval constitutes illegal misconduct.

(TEC Confidential Level 1/3)

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CIRCUIT DIAGRAM
回路図

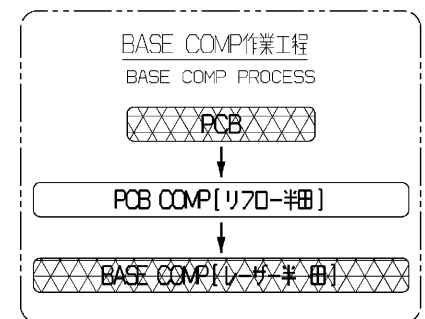
NO.	DWG. NO.	NAME	QTY	MATERIAL	REMARKS	DWG
1	E19553-05	PCB MODE D1	1	CEM-3		○
2	V01430 △E04701	△RFCC-3.6KJ1/4W	2		R5, R6	○
3	E18466	LED-A102418WHH27276AX	2		LED5, 6 (WHITE)	○
4	E18457	LED-A102418WHH272761N	1		LED4 (WHITE)	○
5	E08430	RFCC-2.0KJ1/4W-R-MCR18	1		R4	○
6	E18460	LED-A102418WHH282861N	1		LED3 (WHITE)	○
7	V01420 △E08285	△RFCC-1.8KJ1/4W	1		R3	○
8	V01174 △E06113	△RFCC-4.3KJ1/10W	2		R1, R2	○
9	E18466	LED-A102418WHH27276AX	2		LED1, 2 (WHITE)	○
10	V00284	RFCC-2.2KJ1/4W	1		R8	○
11	V01060	RFCC-750J1/4W	1		R7	○
12	Y29000	SD/F/P/S/705/570G/T4/115	0.1g		Pb FREE	○

仕様
SPEC

1. ② ~ ⑪ はリフロー半田付けのこと。
1. ② ~ ⑪ TIP PARTS ARE SOLDERED BY REFLOW SOLDER.

注記
NOTE

1. 本製品(本部品)は、東洋電装グループ「製品含有化学物質管理基準書」準拠のこと。
1. THIS PRODUCT (PART) SHALL BE APPLIED BY TOYO DENSO GROUP
"MANAGEMENT STANDARD OF CHEMICAL SUBSTANCE IN THE PRODUCTS" OF TOYO DENSO GROUP.
2. 実装座標リスト △20220111
MOS_E19553-05_20220923_S_COORD_LIST(F66249-08).csv △07
2. MOUNTING COORDINATES LIST
MOS_E19553-05_20220923_S_COORD_LIST(F66249-08).csv △20220111 △07



2	MP22-01811-007	A-21-03740	28-SEP-22	S. YUMIYA (S. KIM)	E. CHIN	K. SHIMMURA	K. YAMAZAKI
1	MP22-01211-001	A-21-03740	28-JUN-22	S. YUMIYA (S. PHO)	E. CHIN	K. SHIMMURA	K. YAMAZAKI
MP	MP22-00867-001	A-21-03740	11-MAY-22	S. YUMIYA (S. PHO)	E. CHIN	K. SHIMMURA	K. YAMAZAKI
Rev.	Revision No.	Date	Designed	Check1	Check2	Approval	
Safety	Environmental	Quality					
NH NF			Q0 K0 KS0	F66249-08			
Name: PCB COMP MODE D1			Sub Key-No.				
Customer DWG. No.			Sub Key-No.				
Applicable DWG. No.			Sub Key-No.				
Material			Sub Key-No.				
Paper Size: A2	Mass: R.T.M	kg	Editor Code	Spec.	DWG. Type: 2D+3D	Scale: 2:1	Sub Key-No.

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(TEC Confidential Level 3)

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