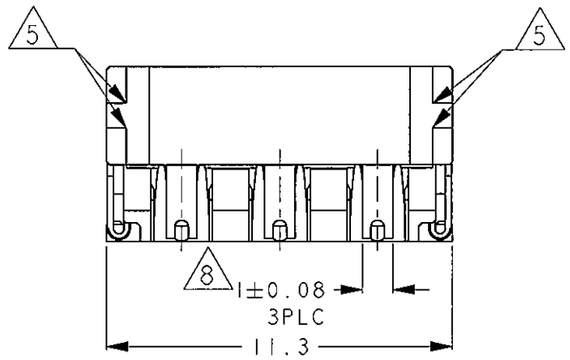
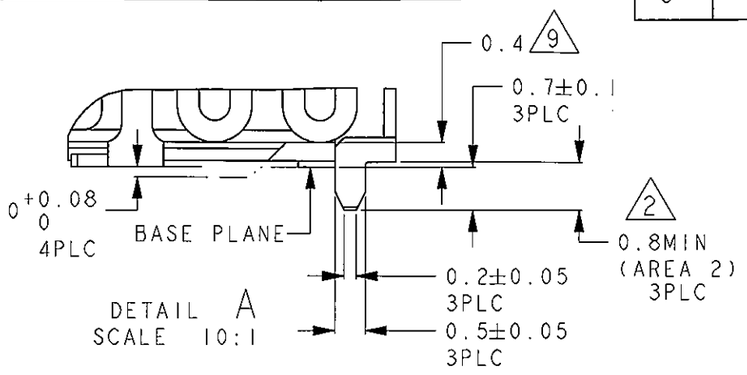
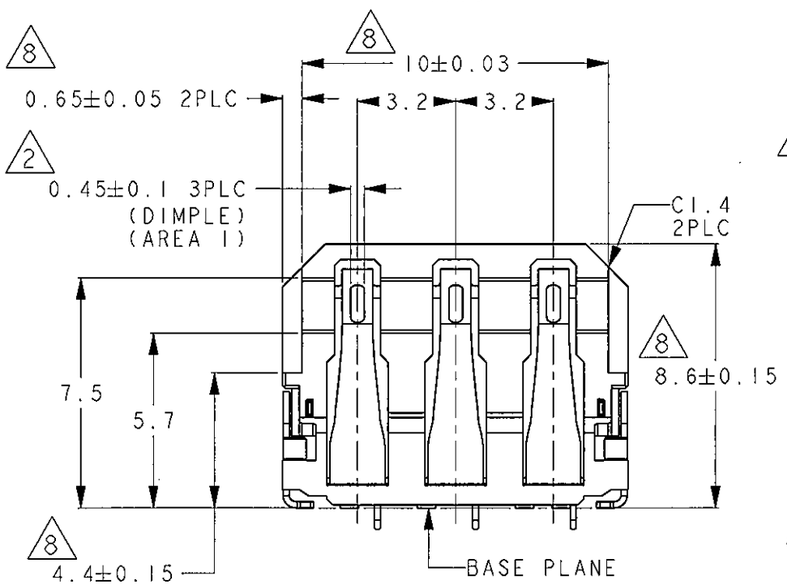
LOC	DIST
J	-

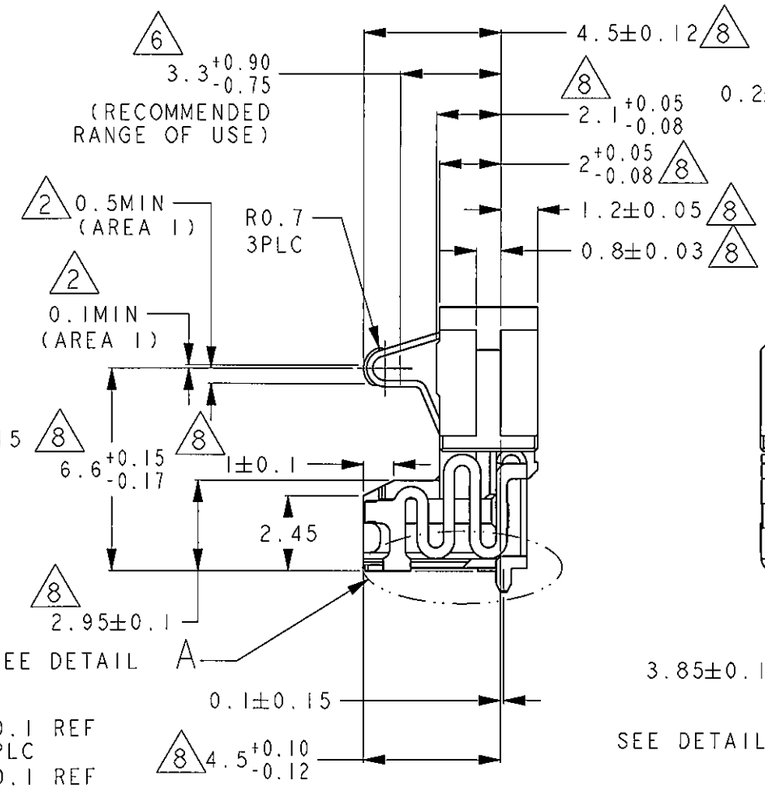
REVISIONS 変更

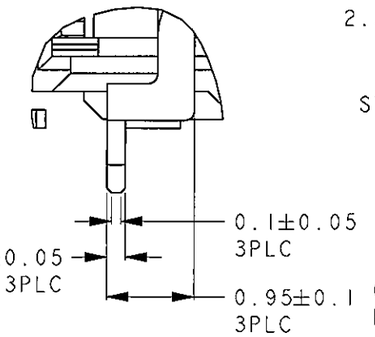
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED	12OCT2017	A.Z	H.L

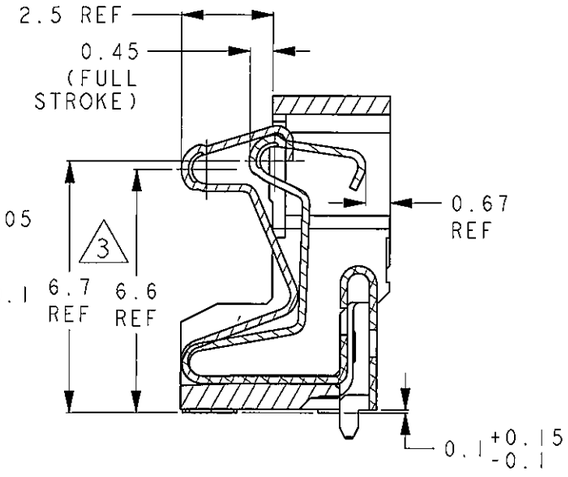




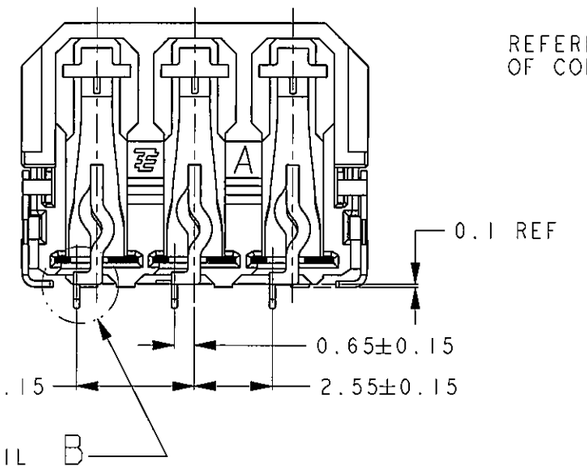


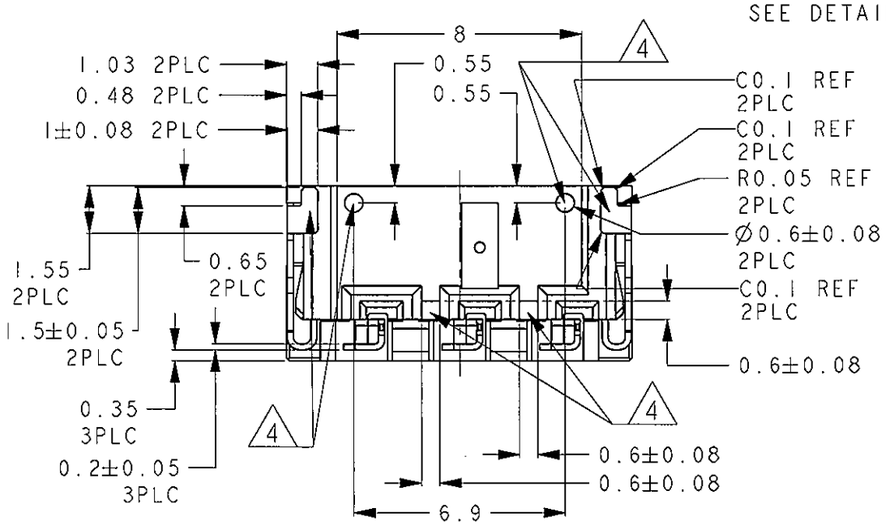






REFERENCE DIMENSION
OF CONTACT SYROKE





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DIMENSIONS: 単位: 尺 mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
一般公差 ±0.2
~~0 PLC~~ ±1
~~1 PLC~~ ±0.5
~~2 PLC~~ ±0.13
~~3 PLC~~ ±0.013
~~4 PLC~~ ±0.0001
ANGLES ±3°

MATERIAL 材料 1

FINISH 仕上 2

DWN ANDY.ZHAO	12OCT2017	
CHK HOPE.LU	12OCT2017	
APVD HOPE.LU	12OCT2017	
PRODUCT SPEC 製品規格	108-78753-1	
APPLICATION SPEC 取付適用規格	-	
WEIGHT	0.42 g	

Tyco Electronics — Tyco Electronics Corporation, Kawasaki, Japan

NAME 名称: FLOATING BATTERY CONNECTOR HEIGHT 8.6 -

SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
A3	00779	C-2134161	

CUSTOMER DRAWING | SCALE 尺度 NTS | SHEET 1 OF 3 | REV A

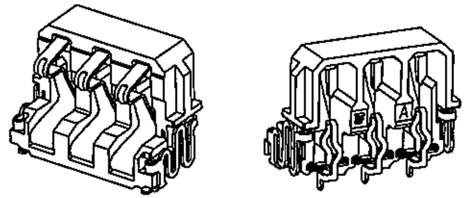
fj045278

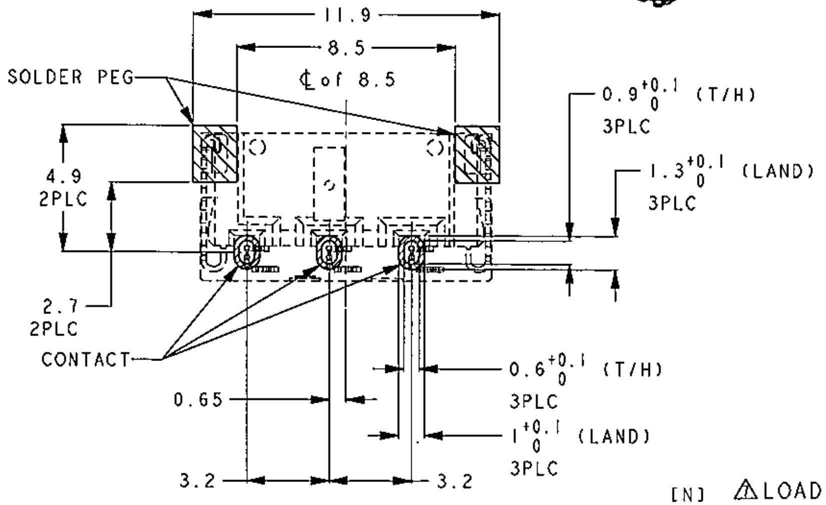
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION -

LOC	DIST
J	-

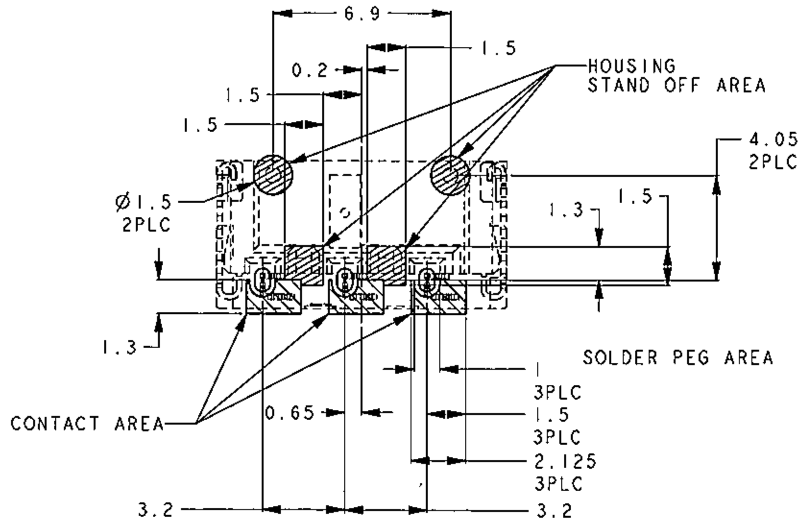
REVISIONS 変更

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

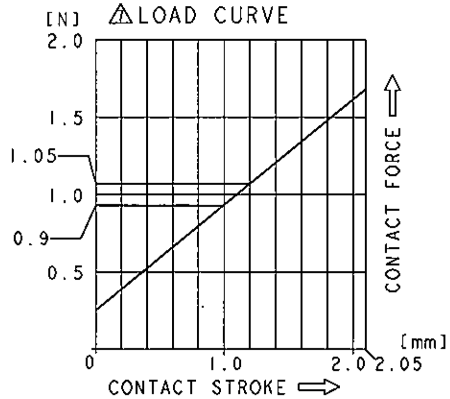




REFERENCE PCB LAYOUT
GENERAL TOLERANCE ±0.05



PATTERN PROHIBITION AREA
GENERAL TOLERANCE ±0.05



⚠1 MATERIAL
CONTACT: COPPER ALLOY
HOUSING THERMO PLASTIC,
UL94V-0, BLACK
SOLDER PEG: COPPER ALLOY

⚠2 FINISH
CONTACT:
NICKEL ALL OVER UNDER PLATING,
THICKNESS 1.3μm MIN
GOLD PLATING AT CONTACT AREA 1,
THICKNESS 0.3μm MIN
GOLD PLATING OR TIN PLATING
AT SOLDERING AREA 2,
SOLDER PEG:
NICKEL ALL OVER UNDER PLATING,
THICKNESS 1.3μm MIN
PdNi PLATING THICKNESS 0.02μm MIN
Au FLASH PLATING

⚠3 WIPPING AMOUNT IS 0.24mm
(TO FULL STROKE FROM FREE LENGTH)

⚠4 COPLANARITY 0.08 MAX

⚠5 NO RADIUS

⚠6 CONTACT FORCE IS 0.2N MINIMUM AT MINIMUM STROKE.

⚠7 LOAD CURVE GRAPH (SPEC;0.69N MIN AT 1.0mm STROKE,
1.0±0.2N AT 1.2mm STROKE)

⚠8 THESE DIMENSIONS SHOULD BE MEET THE SPEC AFTER REFLOW ALSO.
BUT THE REFLOW PROFILE MUST FOLLOW THE 108-78753-1.

⚠9 THE BOTTOM OF SOLDER PEG MUST NOT TOUCH ON
THE MOUNTING PLANE AFTER FLOATING.

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0 PLC	±
1 PLC	±0.5
2 PLC	±0.13
3 PLC	±0.013
4 PLC	±0.0001
ANGLES	±3°

MATERIAL 材料

FINISH 仕上

DWN

CHK

APVD

PRODUCT SPEC 製品規格 -

APPLICATION SPEC 取付適用規格

WEIGHT

Tyco Electronics — Tyco Electronics Corporation, Kawasaki, Japan

NAME 名称: FLOATING BATTERY CONNECTOR HEIGHT 8.6 -

SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
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CUSTOMER DRAWING — SCALE 尺度 NTS — SHEET 2 OF 3 — REV A

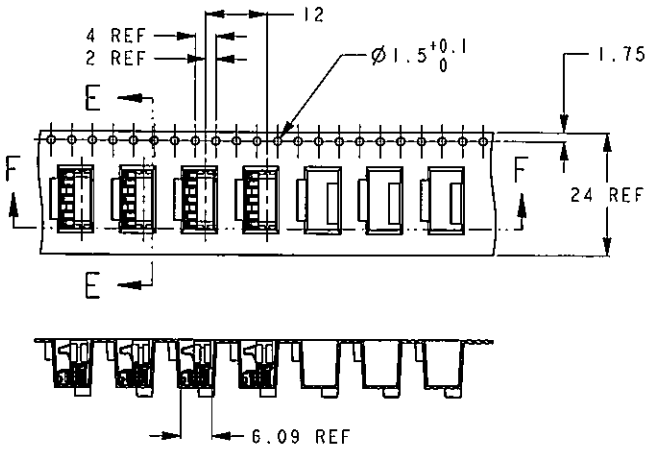
1470-19 (2/09)

fj045278

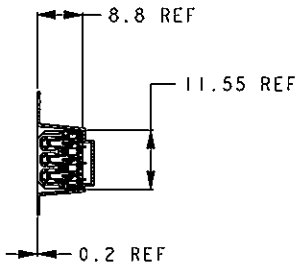
LOC	DIST
J	-

REVISIONS 改定

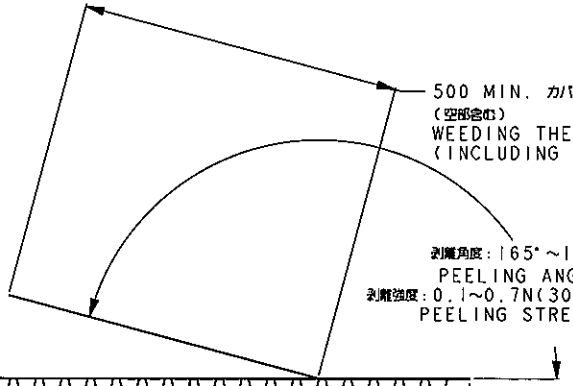
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

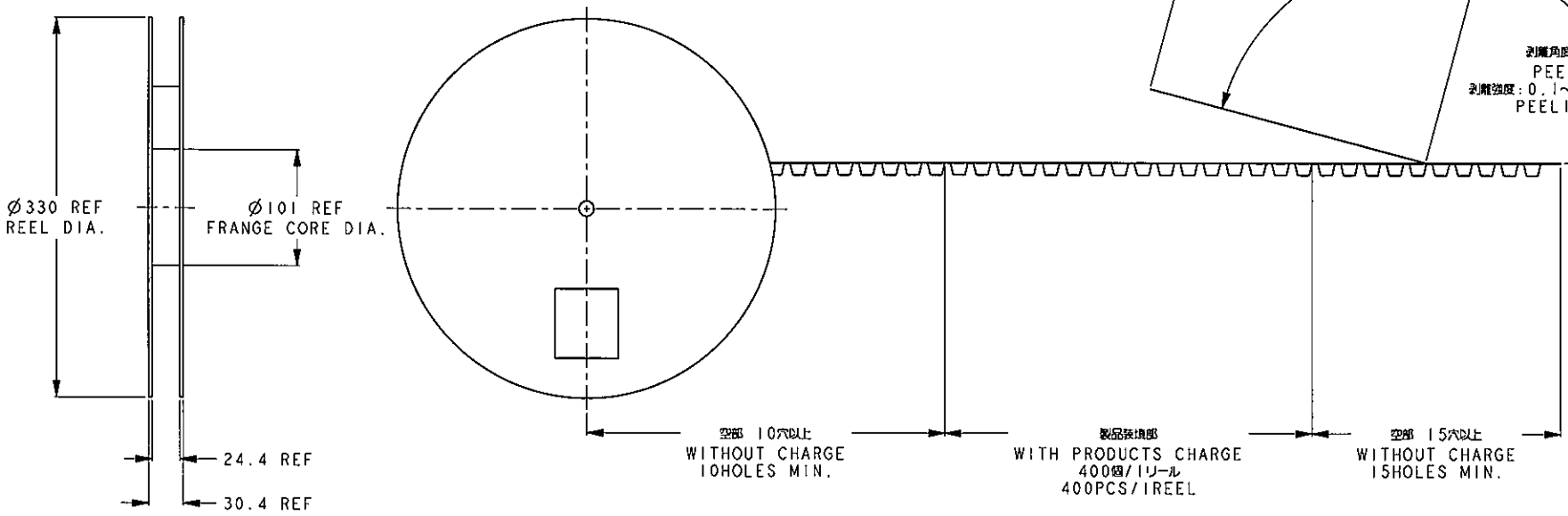


F-F



E-E





400PCS/1 REEL	2134161-1	EMBOSS ASSEMBLY
QTY	PART NO.	NAME

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FINISH 仕上

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CHK

APVD

PRODUCT SPEC 製品規格

APPLICATION SPEC 適用製品規格

WEIGHT

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation
Kawasaki, Japan

NAME 名称
FLOATING BATTERY CONNECTOR
HEIGHT 8.6
-

SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
A3	00779	C-2134161	

SCALE 尺度 NTS SHEET 3 OF 3 REV A

1470-19 (2/09)

C-1045278