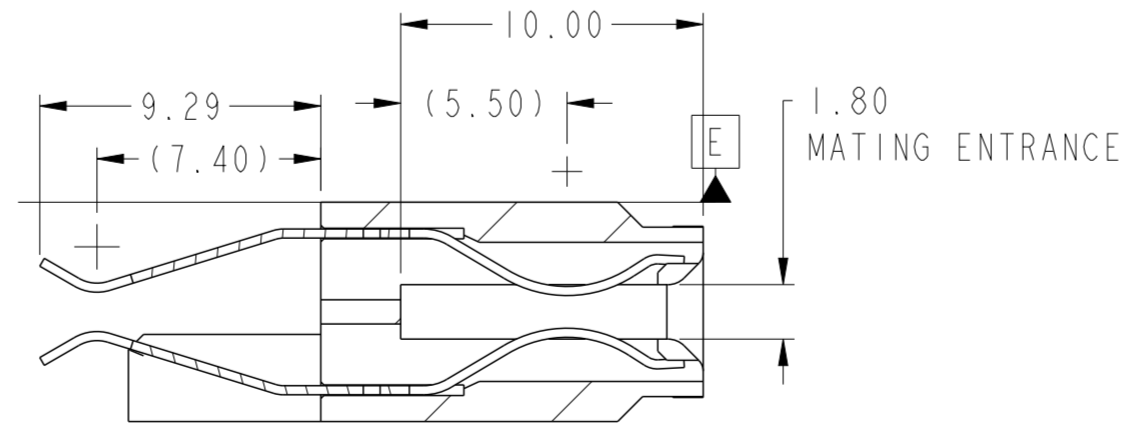


SECTION C-C



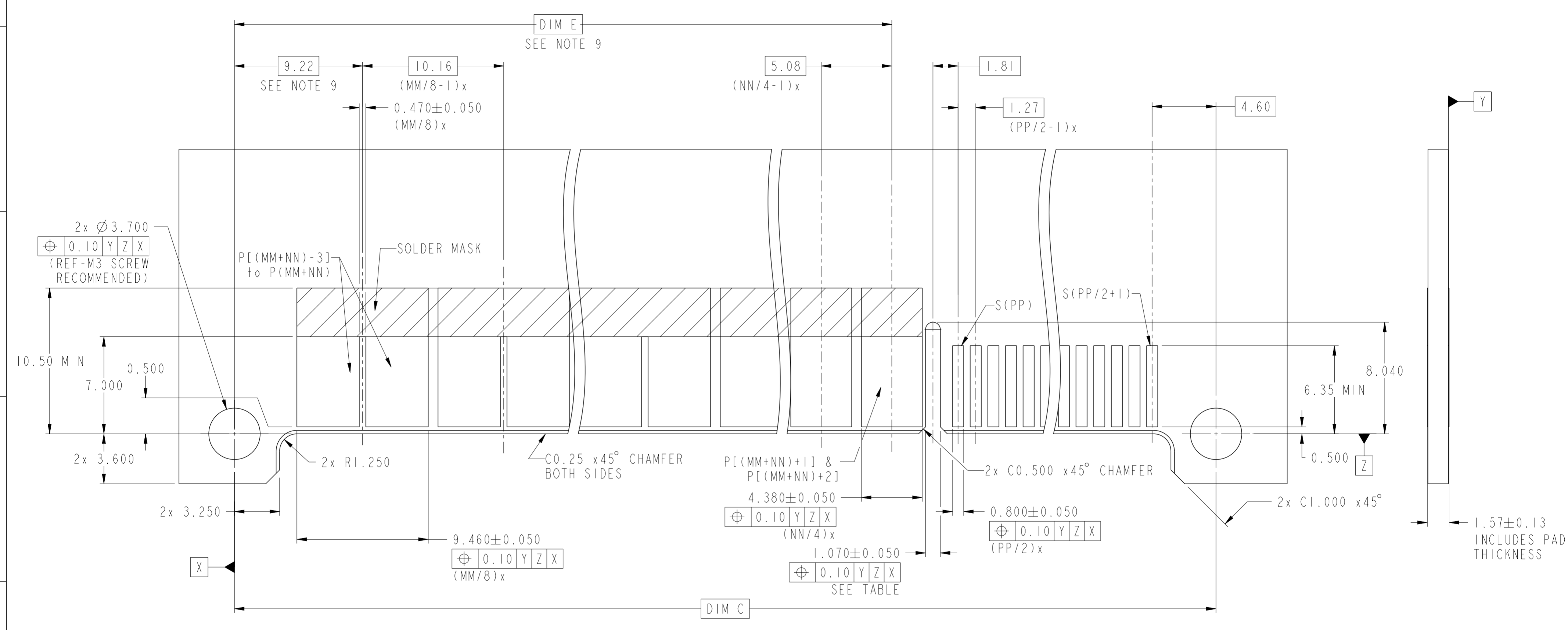
SECTION D-D

REV	ECN NO.	DR	DATE
A	---	Julia	2012-08-01

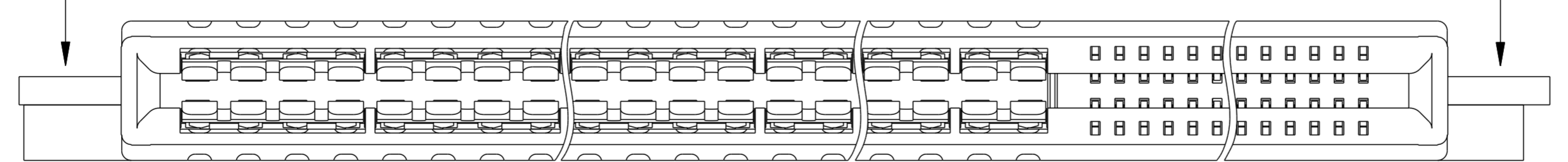
spec ref	-	dr	Wei-Long Zhang	2012/08/02	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Julia Wang	2013/03/07		CARD EDGE	ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Eleven Hu	2013/03/06			product family	rel level		Released
surface	✓	ASME Y14.5	linear	0.X	±0.5		title SMT WITH ENHANCED WALLS HIGH POWER CARD EDGE - UNIVERSAL DRAWING	dwg no 10122238	rev A	www.fci.com
				0.XX	±0.25					
				0.XXX	±0.10					
angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 1 of 4				

A
B
C
D
E
F

A
B
C
D
E
F



**RECOMMENDED HOST BOARD LAYOUT
AS VIEWED**



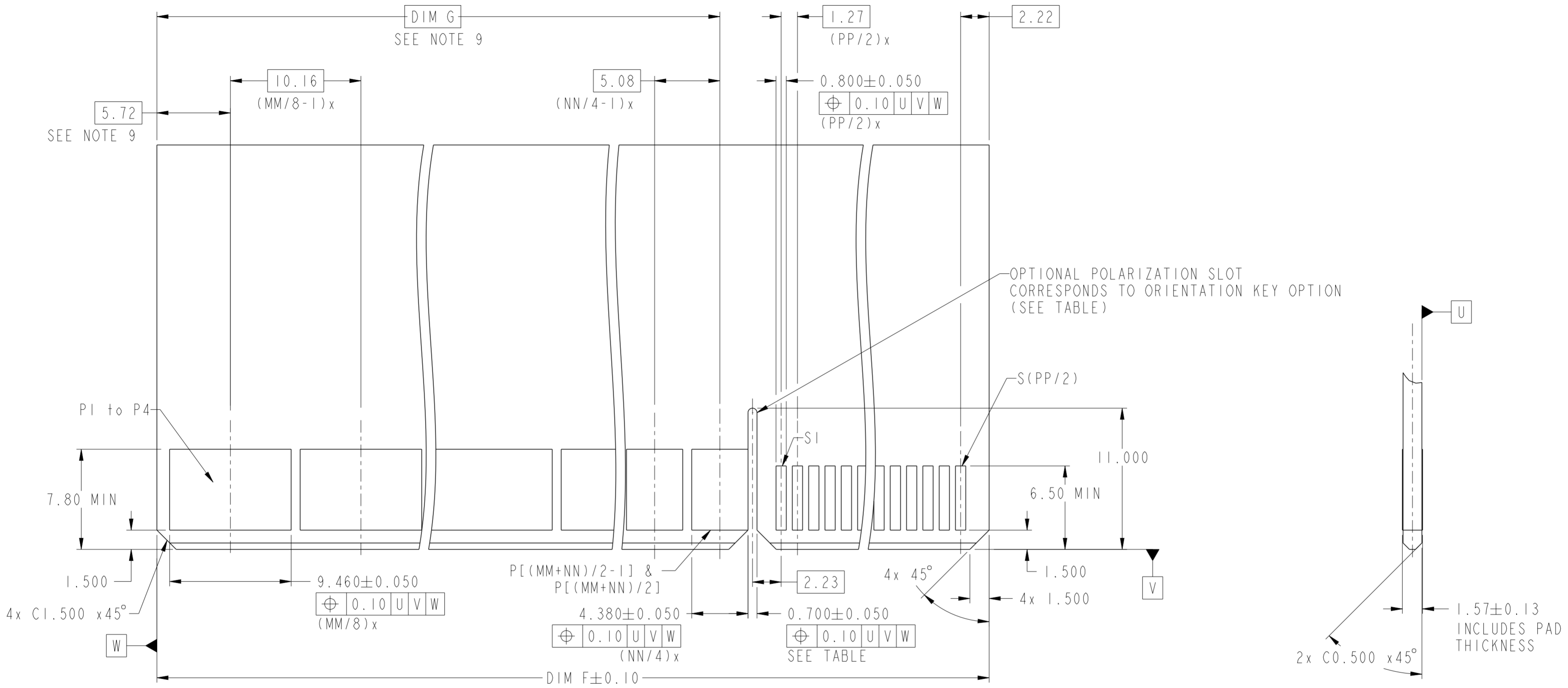
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dr	Wei-Long Zhang	2012/08/02	projection	MM	size	A2	scale	4:1
eng	Julia Wang	2013/03/07		CARD EDGE	ecn no.	-	rel level	Released
chr	Eleven Hu	2013/03/06			product family	CARD EDGE		
appr	Pai-Ming Zheng	2013/03/07			title	SMT WITH ENHANCED WALLS		rev
					dwg no.	10122238		A
					cat. no.	Product - Customer Drw		sheet 2 of 4

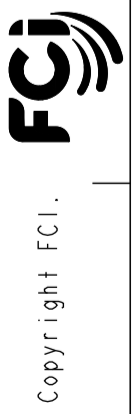
PDS: Rev :A

STATUS:Released

Printed: Mar 08, 2013



RECOMMENDED MATING BOARD FOOTPRINT



dr	Wei-Long Zhang	2012/08/02	projection	MM	size	A2	scale	4:1
eng	Julia Wang	2013/03/07			ecn no.	-	rel level	Released
chr	Eleven Hu	2013/03/06			product family	CARD EDGE		
appr	Pei-Ming Zheng	2013/03/07			cat. no.	-	Product - Customer Drw	sheet 3 of 4
title SMT WITH ENHANCED WALLS HIGH POWER CARD EDGE - UNIVERSAL DRAWING					dwg no. 10122238	rev A		

10122238 - MM NN PP LF

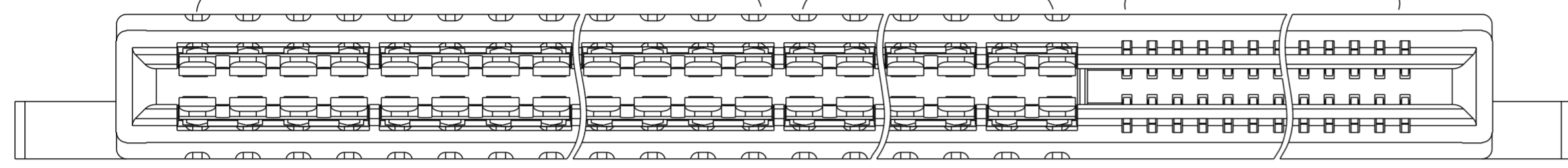
LEAD FREE

	A	B	C	D	E	F	G	H
MOUNTING EARS	Y	Y	Y	N	N	N	Y	N
POLARIZATION KEY	Y	N	N	Y	N	N	Y	Y
REAR GUIDE	Y	Y	N	Y	Y	N	N	N

QUAD PWR BEAM QTY
(NEXT TO LEFT END)

DUAL PWR BEAM QTY
(NEXT TO SIGNAL)

SIGNAL CONTACT QTY

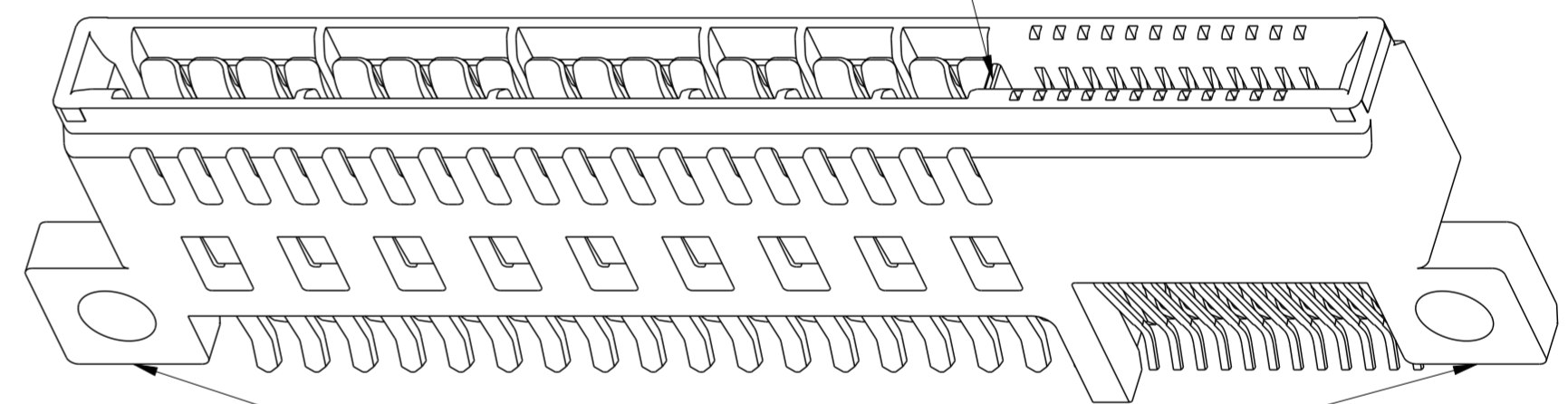


Example: The configuration above is 10122238-241224ALF
STRADDLE MT WITH ENHANCED WALLS 36P24S with MOUNTING EARS,
POLARIZATION KEY and ALIGNMENT KEY.
24P is 4 beam contacts, 12P is 2 beam contacts.

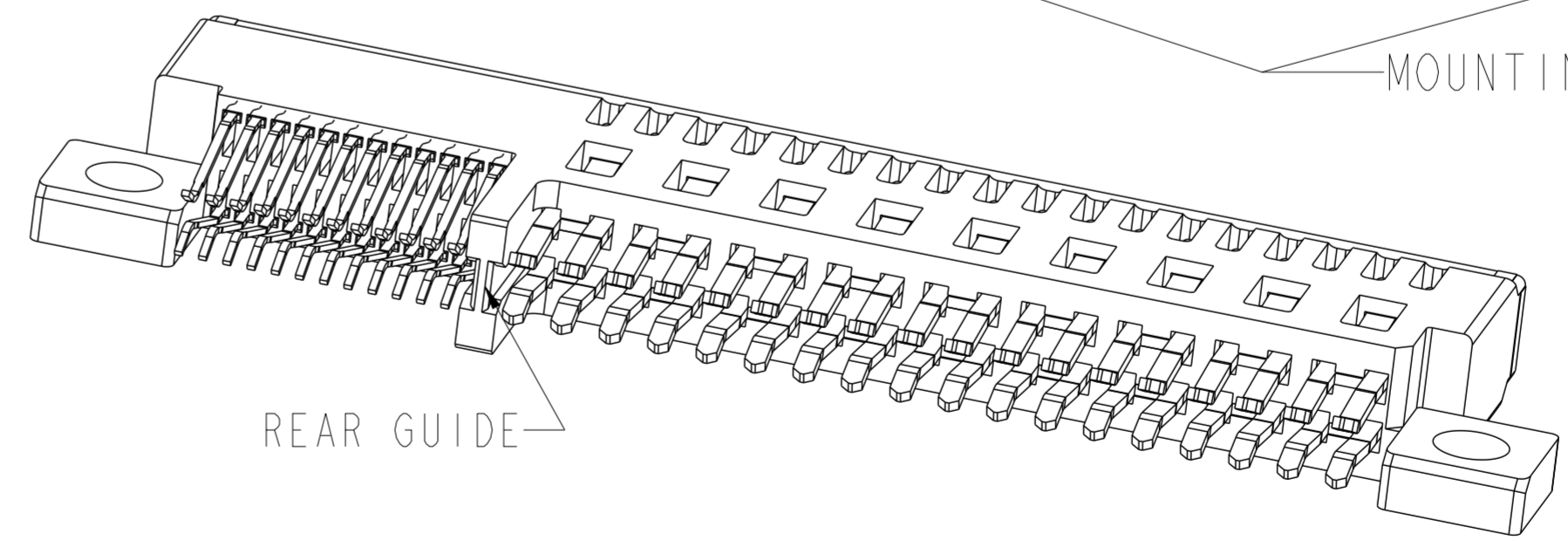
TABLE: PART NUMBER CODE FOR HPCE MT WITH ENHANCED WALLS P+S CONFIG

NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-604 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-604.
- APPLICATION SPECIFICATION: GS-20-128.
- PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- PACKAGING MEETS FCI SPECIFICATION GS-14-937.
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- MAXIMUM OVERALL LENGTH IS 100mm.
- DIM IS NOT APPLICABLE IF NO 4 BEAM CONTACT OR 2 BEAM CONTACT.



POLARIZATION KEY



MOUNTING EARS

REAR GUIDE

DIM	TABLE 2. LENGTH FORMULAS
DIM A ⑧	$(MM + NN) / 2 \times 2.54 + (PP / 2) \times 1.27 + 17.2$
DIM B	DIM A - 13.08
DIM C	DIM A - 7.5
DIM D	DIM A - 9.02
DIM E ⑨	$(MM / 8 - 1) \times 10.16 + (NN / 4 - 1) \times 5.08 + 16.84$ (WITH 4 BEAM CONTACT)
	$(NN / 4 - 1) \times 5.08 + 6.68$ (WITHOUT 4 BEAM CONTACT)
DIM F	DIM A - 13.38
DIM G ⑨	$(MM / 8 - 1) \times 10.16 + (NN / 4 - 1) \times 5.08 + 13.34$ (WITH 4 BEAM CONTACT)
	$(NN / 4 - 1) \times 5.08 + 3.18$ (WITHOUT 4 BEAM CONTACT)

dr	Wei-Long Zhang	2012/08/02	projection	MM	size	A2	scale	4:1
eng	Julia Wang	2013/03/07			ecn no	rel level	Released	title SMT WITH ENHANCED WALLS HIGH POWER CARD EDGE - UNIVERSAL DRAWING
chr	Eleven Hu	2013/03/06						
appr	Pei-Ming Zheng	2013/03/07	www.fci.com		cat. no.	Product - Customer Drw		sheet 4 of 4



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