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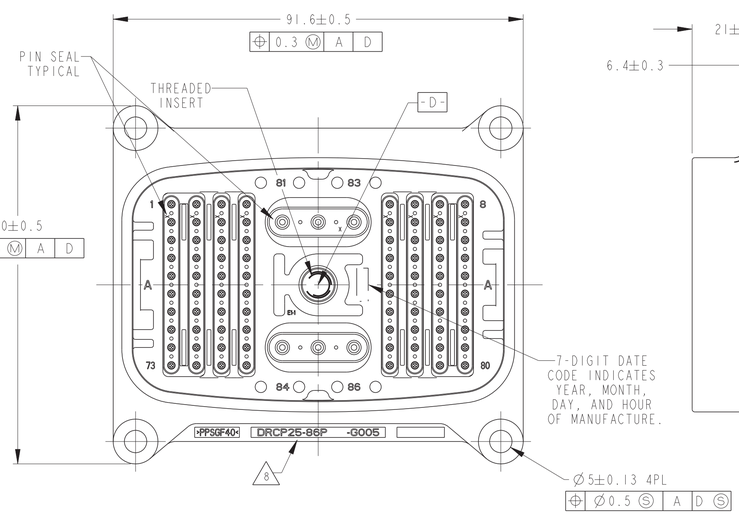
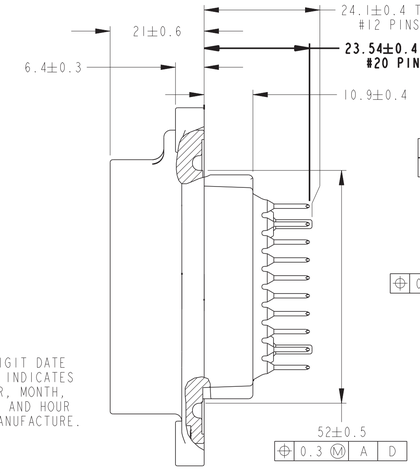
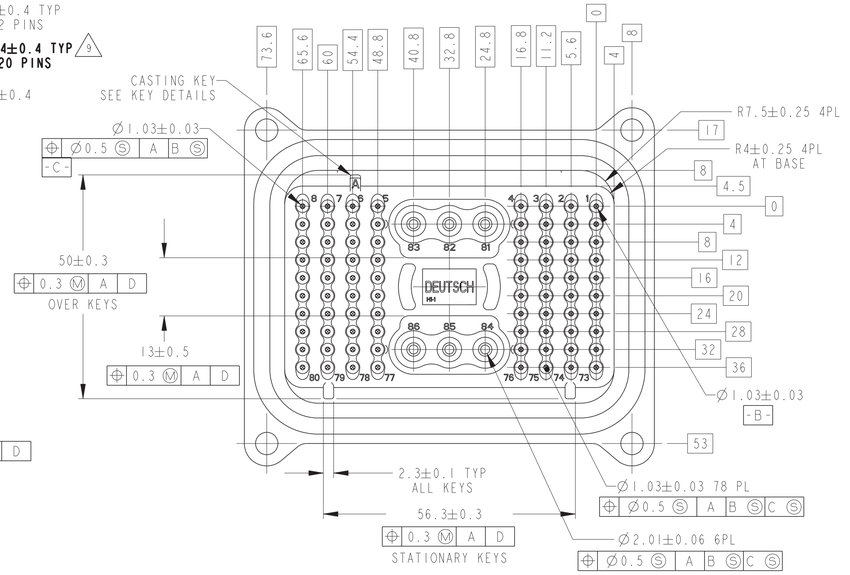
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	REVISED PER ECO-14-005949	21APR2014	JA	DM
	E1	REVISED PER ECO-14-008598	06JUN2014	JA	PC
	E2	REVISED PER ECO-15-013256	18SEP2015	JA	DM
	F	REVISED PER ECO-16-013573	15SEP2016	RL	DM

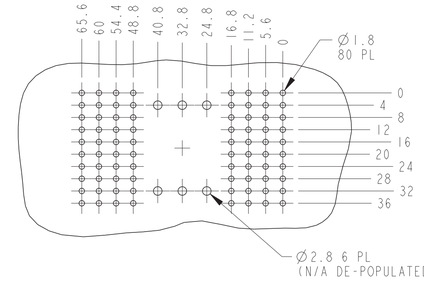


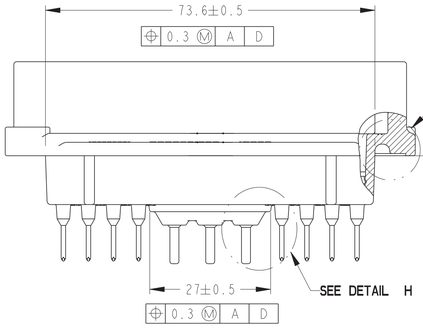


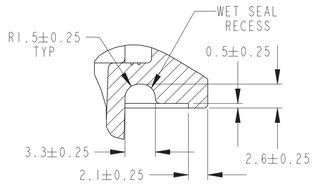


3D VIEWS

PCB LAYOUT
REFERENCE ONLY
SCALE 1:1







DETAIL A
SCALE 3:1
TYPICAL ALL AROUND

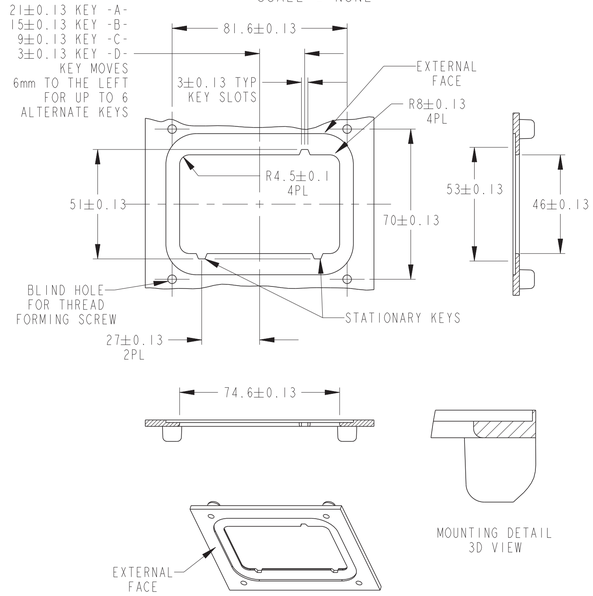
PART NUMBER SYSTEM
DRCP25-86PAA-G*O*

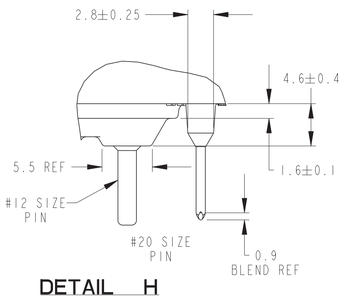
PLUG KEY
CASTING KEY

SIGNAL PINS:
3 = SELECTIVE GOLD
5 = TIN

POWER PINS:
O = TIN POPULATED
C = DEPOPULATED

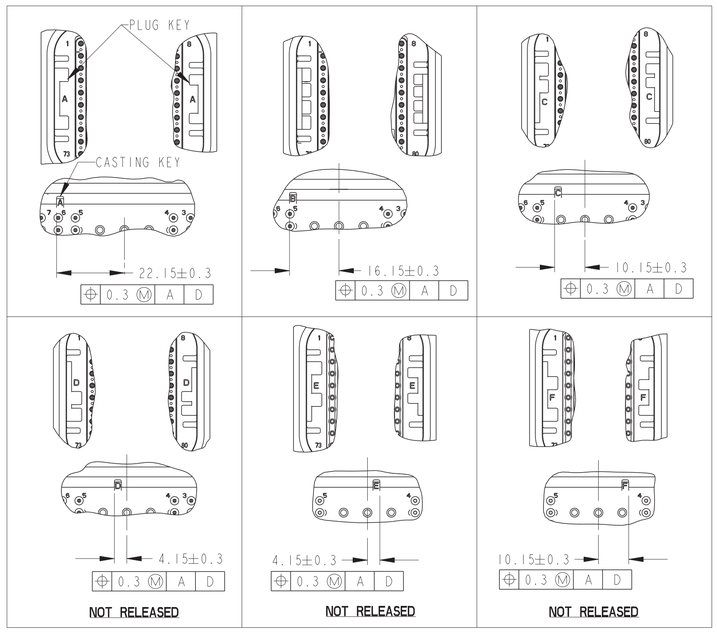
MOUNTING DETAIL
SCALE = NONE





DETAIL H
SCALE 3:1

KEY ARRANGEMENTS



NOT RELEASED
NOT RELEASED
NOT RELEASED

RELEASED PART NUMBERS			
	TERMINAL PLATING / DE-POPULATION		
PART NUMBER	SIGNAL PINS	POWER PINS	CONTACTS QUANTITY
DRCP25-86PAA-G005	TIN	TIN	86
DRCP25-86PBB-GC05	TIN	DEPOPULATED	80
DRCP25-86PCC-GC05	TIN	DEPOPULATED	80
DRCP25-86PAA-G003	GOLD	TIN	86
DRCP25-86PBB-GC03	GOLD	DEPOPULATED	80
DRCP25-86PCC-GC03	GOLD	DEPOPULATED	80

WEIGHTS	
126.37g	WITH POWER PINS
119.74g	WITHOUT POWER PINS

NOTES:

9 KEY CHARACTERISTIC.

8 SEE RELEASED PART NUMBER TABLE.

7. PARTS TO BE FREE OF CONTAMINANTS, OILS, LUBRICANTS, PROCESSING CHEMICALS, AND RESIDUES THAT WOULD INHIBIT ADHESION. NO SLIVERS OR OTHER FOREIGN MATERIAL TO EXCEED .125mm FOR CONDUCTIVE PARTICLES AND .250mm FOR NON-CONDUCTIVE PARTICLES.

6. PARTS TO BE SHIPPED IN ANTISTATIC TRAYS, TRAYS TO BE PLACED IN A CLEAN BAG PRIOR TO PLACING THEM IN A CLEAN BOX.

5. CONSULT FACTORY FOR PERFORMANCE SPECIFICATIONS.

4. THIS PART MATES WITH DEUTSCH PART NUMBER DRCP26-86SX, DRCP28-86SX.

3. HOUSING TO BE WET SEALED TO MOUNTING DETAIL. WET SEAL MATERIAL AND PROCESS TO BE QUALIFIED AT THE MODULE LEVEL. HEADER SEAL AREA IS EXPOSED TO UV LIGHT TO AID ADHESION. CONSULT FACTORY FOR ADHESIVE INFORMATION.

2 MATERIALS: (RoHS COMPLIANT)
HOUSING = PPSGF40-UV EXPOSED.
THREADED INSERT = STEEL NICKEL PLATE.
PIN SEALS = SILICONE.
#20 TERMINALS COPPER ALLOY SELECTIVE PLATED PER TABLE.
#12 TERMINALS COPPER ALLOY PLATED PER TABLE.

1. THREADED INSERT AND PIN CONTACTS ARE MOLDED IN.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±
2 PLC ±.64
3 PLC ±
4 PLC ±
ANGLES ±0°30'0"

MATERIAL 2
FINISH 2

DWN 14APR2014 JAIME C. APOSTOL
CHK 06JUN2014 PAULA CARNAHAN
APVD 06JUN2014 PAULA CARNAHAN
PRODUCT SPEC
APPLICATION SPEC
WEIGHT SEE TABLE

TE Connectivity

NAME 86 WAY RECEPTACLE PCB MOUNT DRCP SEIRES

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	4AFU8	C-DRCP25-86PXX-GX0X	

Customer Drawing | SCALE 1:1 | SHEET 1 OF 1 | REV F