

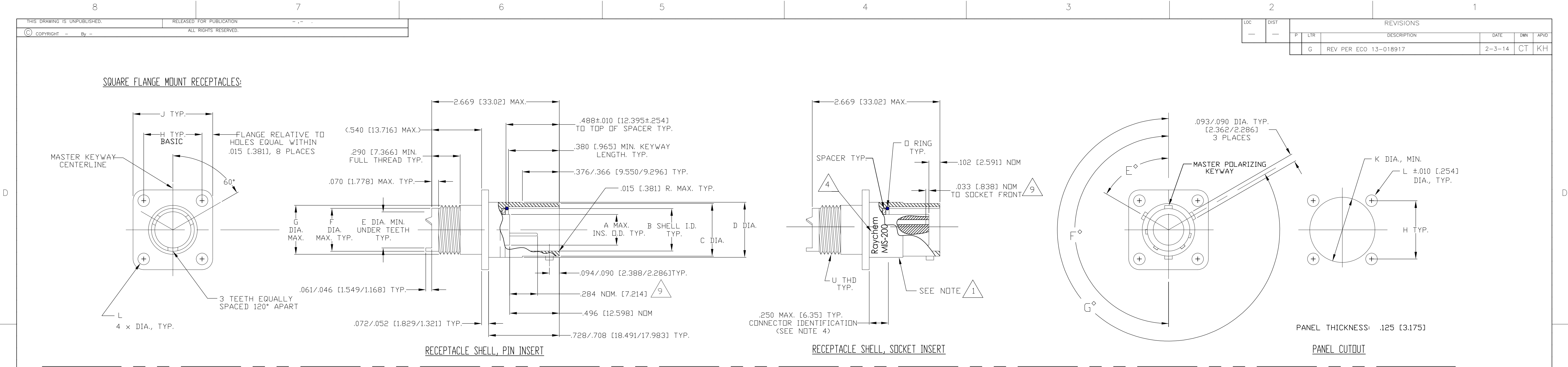


TABLE III

PART NUMBER

WEIGHT in Grams Nominal

RD10A-12-08PX

15.58

RD10A-12-08SX

TBD

RD10A-14-12PX

18.71

RD10A-14-12SX

TBD

RD10A-16-19PX

21.96

RD10A-16-19SX

TBD

RD10A-18-23PX

24.97

RD10A-18-23SX

TBD

RD10A-20-31PX

28.55

RD10A-20-31SX

TBD

RD10A-24-51PX

TBD

RD10A-24-51SX

TBD

TABLE IV

CABLE TYPE

PIN

SOCKET

COAX

D-602-44

D-602-45

TWISTED PAIR

D-602-54

D-602-55

PRIMARY WIRE

D-610-09

D-610-10

RD1 0 A XX-XX X X-CSXXXX

CUSTOMER PART NUMBER AS REQUESTED

KEY POSITION: NORMAL= N
(SEE TABLE II)

CONTACT STYLE:
P = PIN (POWER OR SHIELDED CONTACT SEE TABLE IV)
S = SOCKET (POWER OR SHIELDED CONTACT SEE TABLE IV)

LAYOUT SHELL NUMBER OF
SIZE CAVITIES (SEE SHEET 2)

SHELL SIZE
(SEE TABLE I)

SHELL PLATING: A - CADMIUM
(OPTIONAL G - ELECTROLESS NICKEL)

SHELL TYPE: 0 - SQUARE FLANGE MOUNT RECEPTACLE

RAYCHEM CONNECTOR SERIES RD1

MASTER KEY

A°

B°

C°

D°

THE FACE OF KEYWAYS FOR PLUG SHELL
KEYWAYS IN RECEPTACLE SHELLS ARE OPPOSITE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN C.C.THOMAS 03FEB2014

CHK K.HOGAN 2-3-14

APVD K.HOGAN 2-3-14

NAME RD1 SERIES CONNECTOR, RECEPTACLE

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± .01 [0.3]

3 PLC ± .005 [0.13]

4 PLC ± - ± .1°

ANGLES

MATERIAL - 2

FINISH 8

WEIGHT SEE TABLE III

SIZE 1 OF 3

CAGE CODE

DRAWING NO

RESTRICTED TO

CUSTOMER DRAWING

SCALE NTS

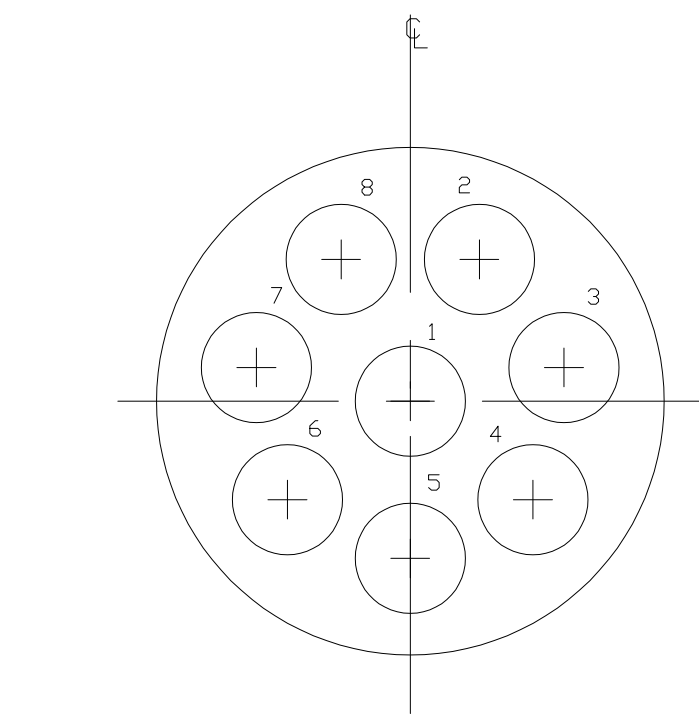
SHEET 1 OF 3

REV G

TE Connectivity

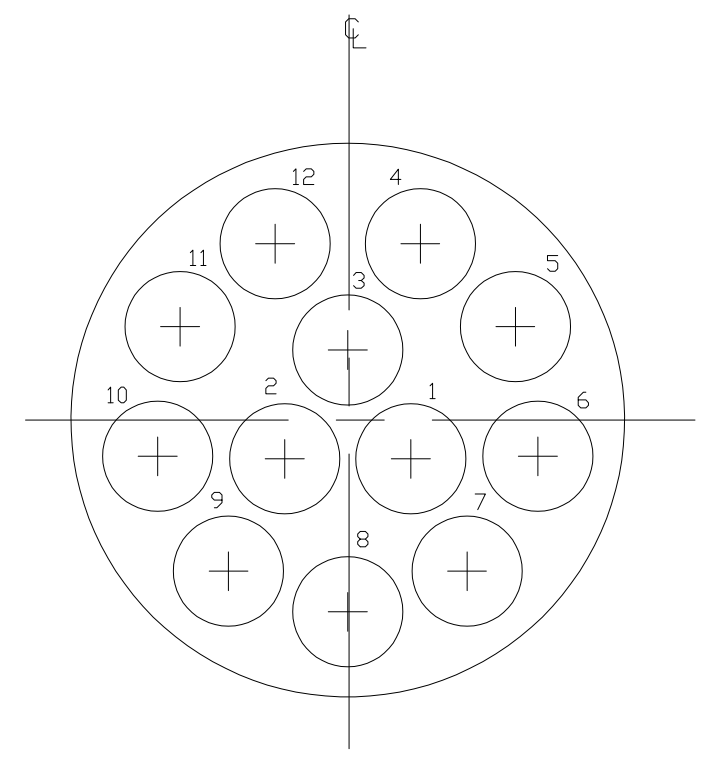
RD10AXX-XXP/SX

SYM. ABOUT VERTICAL INSERT CENTER LINE ONLY



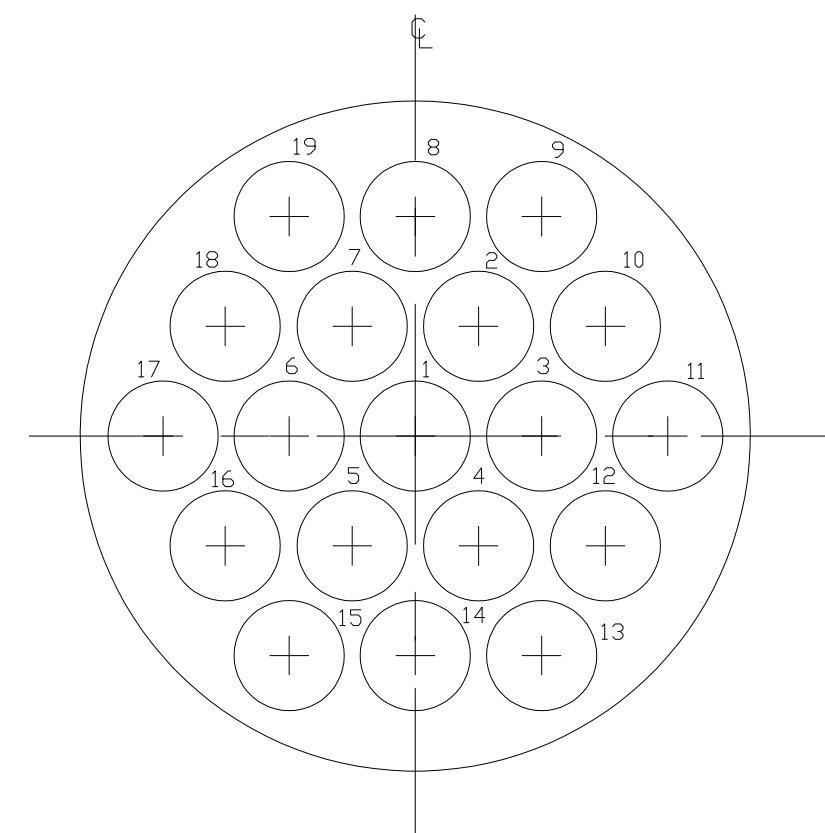
12-08
8 #16 CAVITIES

SYM. ABOUT VERTICAL INSERT CENTER LINE ONLY



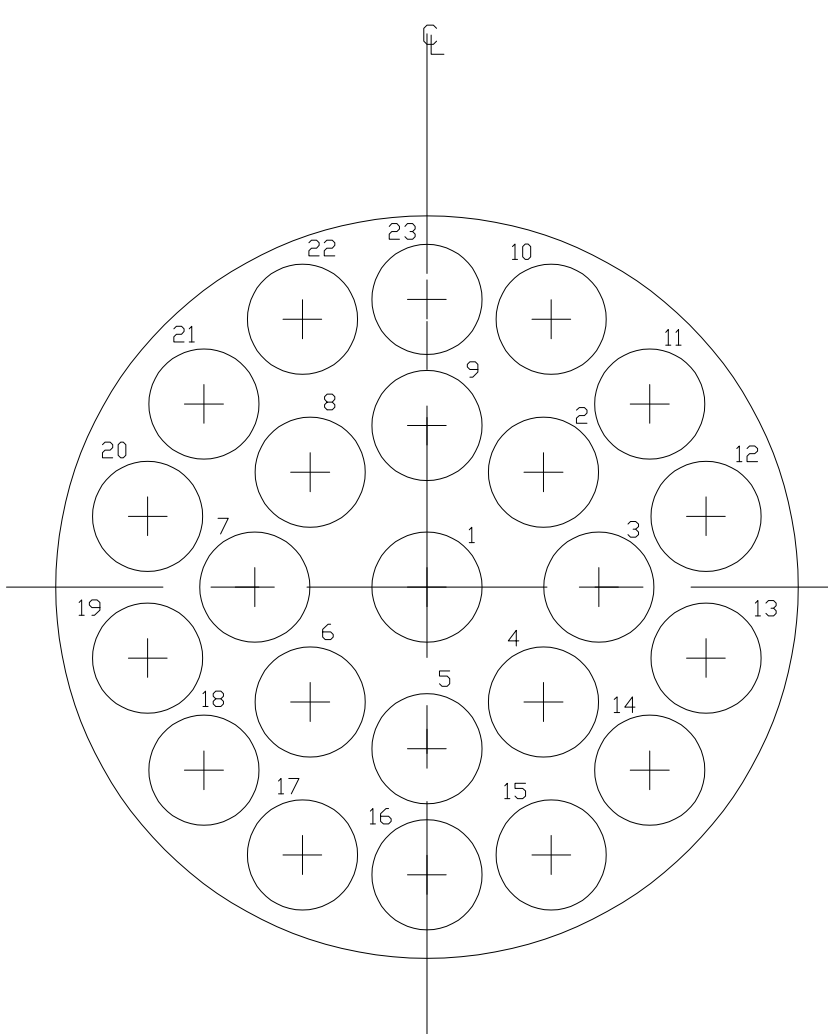
14-12
12 #16 CAVITIES

SYM. ABOUT INSERT CENTER LINE



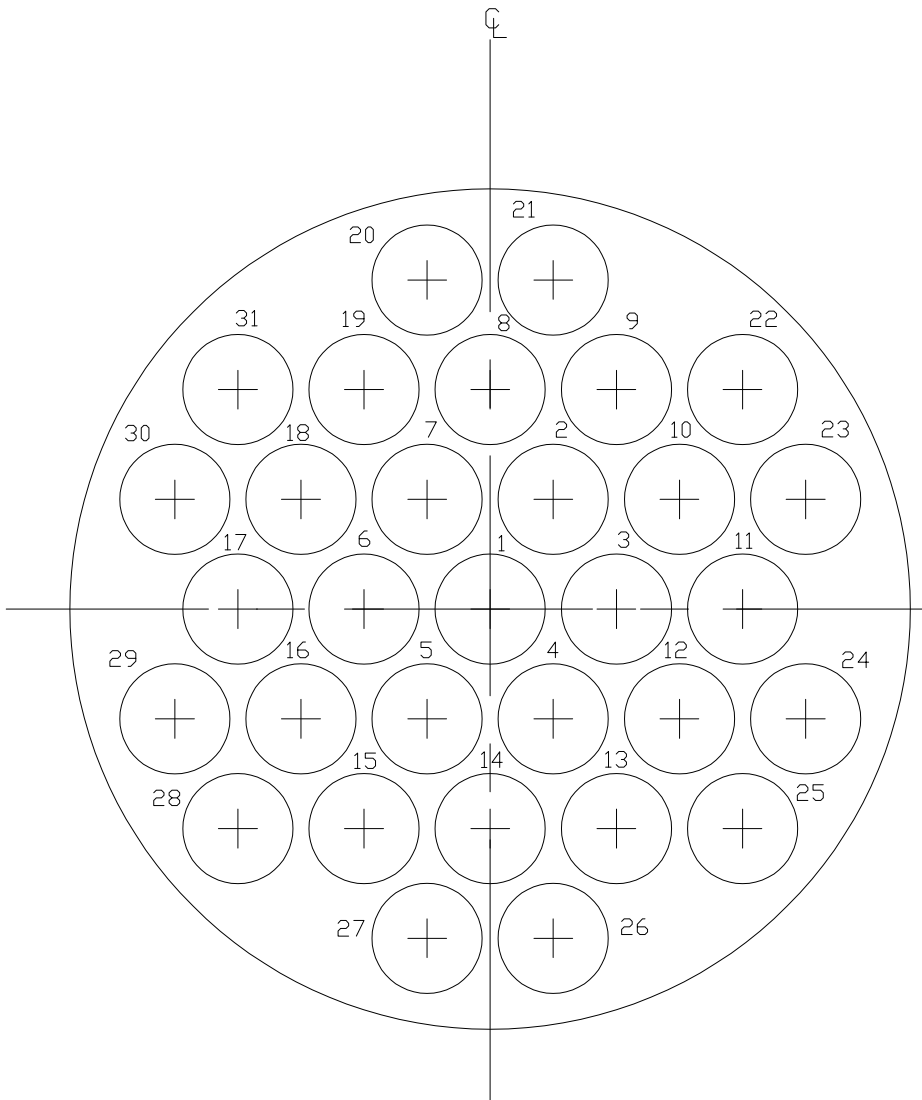
16-19
19 #16 CAVITIES

SYM. ABOUT INSERT CENTER LINE



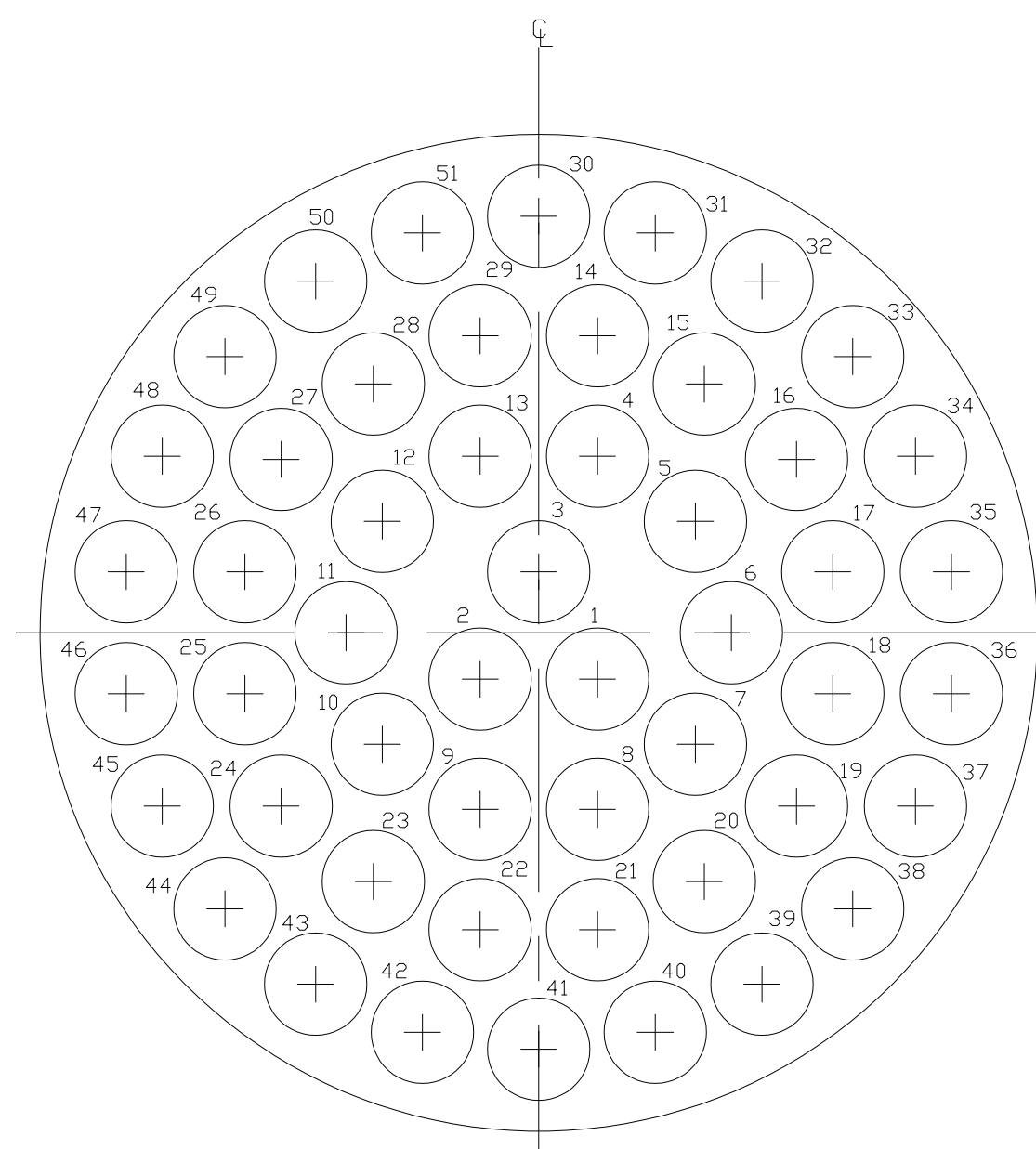
18-23
23 #16 CAVITIES

SYM. ABOUT INSERT CENTER LINE



20-31
31 #16 CAVITIES

SYM. ABOUT VERTICAL INSERT CENTER LINE ONLY



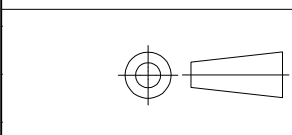
24-51
51 #16 CAVITIES

1. FULLY MATED COUPLING STRIPES SHALL BE COLOR CODED BLUE IN LINE WITH THE BAYONET PINS ON THE RECEPTACLE SHELL.
2. MATERIAL: METAL PARTS, EXCLUSIVE OF BAYONET PINS, COUPLING RING SPRING SHALL BE HIGH GRADE ALUMINUM ALLOY CONFORMING TO ASTM B 211 / SAE AMS-QQ-A 225/10. BAYONET PINS AND COUPLING RING SPRING SHALL BE STAINLESS STEEL.
3. INSERT MATERIAL-MINERAL FILLED PHENDLIC PER ASTM-D5948, TYPE MFH
4. CONNECTOR IDENTIFICATION SHALL CONSIST OF NAME RAYCHEM, TE CONNECTIVITY PART NUMBER, MIS DESCRIPTION (PER TABLE V) AND THE LOT CONTROL NO. OR DATE CODE. ALL CHARACTERS SHALL BE A MINIMUM OF 1/32" IN HEIGHT AND SHALL BE PERMANENTLY AND LEGIBLY MARKED IN LOCATIONS SHOWN. MARKING SHALL BE WITHIN 265° CIRCUMFERENCE. MARKING SHALL BE READ FROM THE MATING FACE UP FOR THE PLUG AND MATING FACE DOWN FOR THE RECEPTACLE.
5. CAVITY IDENTIFICATION NUMBERS SHALL BE AS LARGE AS POSSIBLE, OF A CONTRASTING COLOR, AND LOCATED APPROXIMATELY AS SHOWN.
6. CONTACT IDENTIFICATION IS SHOWN BY LOOKING AT FRONT PIN INSERT FACE. FRONT SOCKET INSERT FACE IS OPPOSITE. REAR PIN INSERT FACE IS OPPOSITE. REAR SOCKET INSERT FACE IS AS SHOWN.
7. INDICATES SHELL MASTER KEY OR KEYWAY POSITION.
8. SHELL PLATING: CADMIUM PER SAE AMS-QQ-P 416, TYPE II, CLASS 3, .0002/.0005 INCH, OLIVE DRAB, CONDUCTIVE OVER .0002/.0004 INCH ELECTROLESS NICKEL PLATE PER SAE AMS 2404
9. THESE DIMENSIONS ARE SHOWING THE POSITION OF THE PIN AND SOCKET CONTACTS.
10. THIS PRODUCT IS QUALIFIED TO TYCO ELECTRONICS SPECIFICATION D-6001 PER TEST REPORT TR3-6540-001.

LOC	DIST	REVISIONS					
—	—	P	LTR	DESCRIPTION	DATE	DWN	APVD
			—	SEE SHEET 1	—	—	—

TABLE V		
PART NUMBER	MIS DESCRIPTION	RPN
RD10A12-08-PN	MIS-20065/1-001	056815-000
RD10A12-08-P6	MIS-20065/1-002	827981-000
RD10A12-08-P7	MIS-20065/1-003	143129-000
RD10A12-08-P8	MIS-20065/1-004	600243N007
RD10A12-08-P9	MIS-20065/1-005	N/A
RD10A12-08-P10	MIS-20065/1-006	N/A
RD10A14-12-PN	MIS-20065/1-007	600246N009
RD10A14-12-P6	MIS-20065/1-008	600247N007
RD10A14-12-P7	MIS-20065/1-009	600248N007
RD10A14-12-P8	MIS-20065/1-010	600249N006
RD10A14-12-P9	MIS-20065/1-011	330035-000
RD10A14-12-P10	MIS-20065/1-012	539255-000
RD10A16-19-PN	MIS-20065/1-013	600252N009
RD10A16-19-P6	MIS-20065/1-014	600253N007
RD10A16-19-P7	MIS-20065/1-015	429283-000
RD10A16-19-P8	MIS-20065/1-016	600255N006
RD10A16-19-P9	MIS-20065/1-017	182749-000
RD10A16-19-P10	MIS-20065/1-018	112055-000
RD10A18-23-PN	MIS-20065/1-019	600258N009
RD10A18-23-P6	MIS-20065/1-020	600259N006
RD10A18-23-P7	MIS-20065/1-021	936753-000
RD10A18-23-P8	MIS-20065/1-022	600261N005
RD10A18-23-P9	MIS-20065/1-023	600262N004
RD10A18-23-P10	MIS-20065/1-024	N/A
RD10A20-31-PN	MIS-20065/1-025	600264N008
RD10A20-31-P6	MIS-20065/1-026	600265N008
RD10A20-31-P7	MIS-20065/1-027	600266N007
RD10A20-31-P8	MIS-20065/1-028	600267N007
RD10A20-31-P9	MIS-20065/1-029	600268N005
RD10A20-31-P10	MIS-20065/1-030	N/A
RD10A24-51-PN	MIS-20065/1-031	600270N009
RD10A24-51-P6	MIS-20065/1-032	600271N009
RD10A24-51-P7	MIS-20065/1-033	412579-000
RD10A24-51-P8	MIS-20065/1-034	600273N007
RD10A24-51-P9	MIS-20065/1-035	600274N006
RD10A24-51-P10	MIS-20065/1-036	600275N005

NOTE: ALL CONNECTORS LISTED ON TABLE V ARE MEETING THE REQUIREMENTS OF CS051/1.
PARTS ARE MARKED WITH PART NUMBER AND MIS DESCRIPTION.
THE CS051/1 PORTION OF THE PART NUMBER IDENTIFICATION IS NOT INCLUDED
IN THE PART NUMBER MARKING.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 03FEB2014	TE Connectivity	
		CHK K.HOGAN 2-3-14		
DIMENSIONS: INCHES		APVD K.HOGAN 2-3-14	NAME	
		PRODUCT SPEC	RDI SERIES CONNECTOR, RECEPTACLE	
		APPLICATION SPEC	-	
		-		
MATERIAL -	FINISH	WEIGHT SEE TABLE III	SIZE A1	CAGE CODE 00779
		DRAWING NO RD10AXX-XXP/SX		RESTRICTED TO -
		CUSTOMER DRAWING		SCALE NTS
		SHEET 3		OF 3
		REV G		