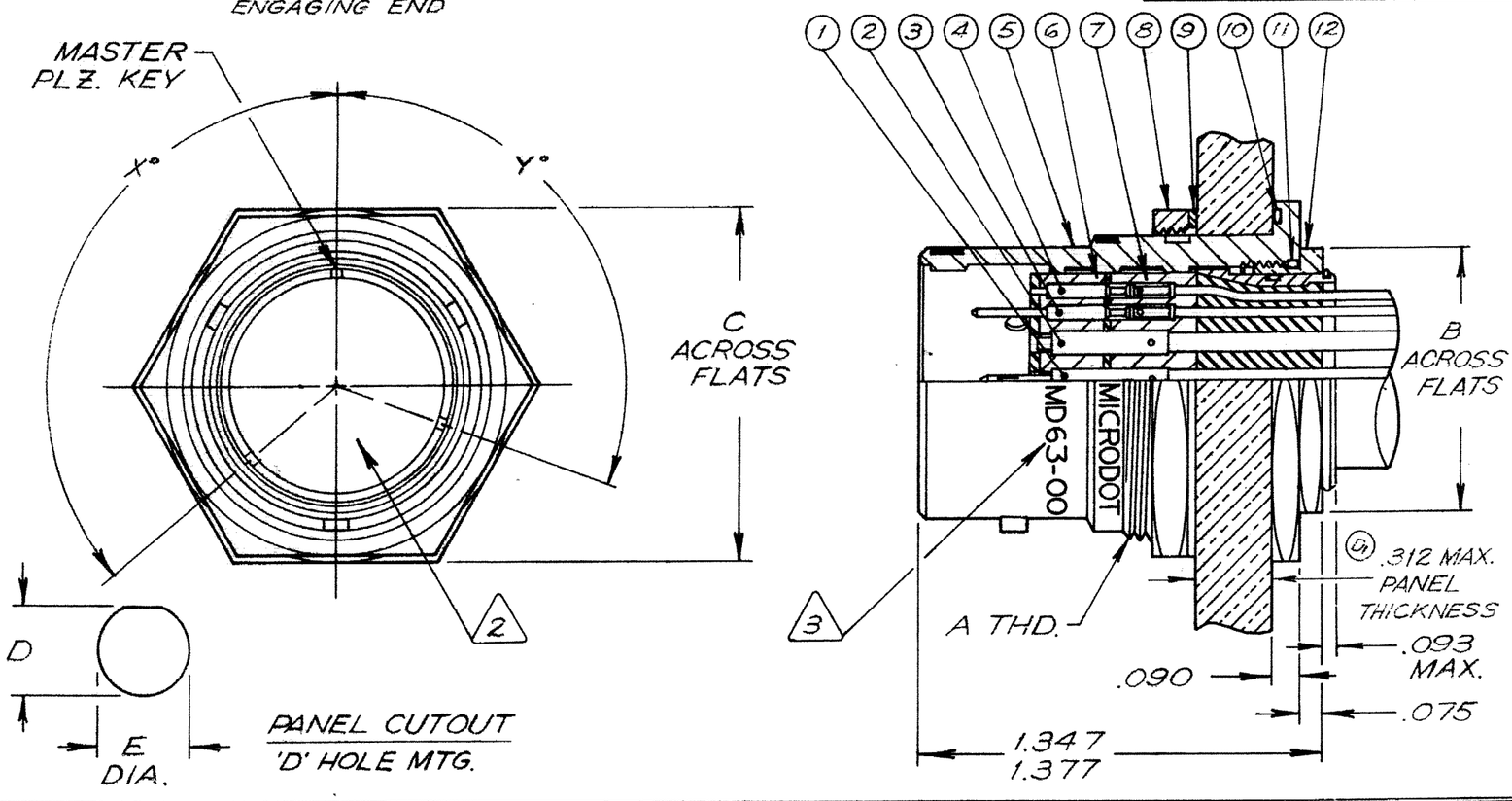


CODE	ITEM	NOMENCLATURE
	1	Contact, pin, coaxial
1,11		Housing
11, 15		Socket (inner contact)
2		Bushings
3,13		Jerk Rings
	2	Contact, Socket, Coaxial
3,13		Housing and Jerk Rings
4,15		Pin (inner contact)
2		Bushings
4,15	3	Contact, Pin, Power
1,3,14	4a	Contact, Socket, Power (12&16 Ga.)
4,5,15	4b	Contact, Socket, Power (22 Gage)
	5	Housing, Subassy, Receptacle
7,12		Housing
8,10		Pin, Coupling
6, 16	6	Insert Subassy., Receptacle Front
6,9	7	Insert Subassy., Receptacle Rear
7,12	8	Nut, Hex Mounting
7,12	9	Washer, Flat Mounting
9	10	"O" Ring, Mounting
9	11	"O" Ring, Retaining Nut
	12	Retaining Nut Subassembly
7,12		Follower
5,13		Spring, Insert Retaining
9		"O" Ring, Follower
7,12		Nut, Retaining
17,18		Ring, Snap

CODE	STANDARD MATERIAL AND FINISH
1	Beryllium Copper (Berylco 3325)QQ-c-530,1/2Hd.
2	Teflon,MIL-M-14077 or MIL-P-2241A.
3	F.M.Brass,QQ-B-626,Comp.360, 1/2 Hard.
4	Leaded Copper, ANACONDA 1870
5	Beryllium Copper(Berylco 25),QQ-C-533,1/4 H.T.
6	Diallyl Phthalate, MIL-M-14, SDG-F
7	Aluminum Alloy,QQ-A-225/5,Temper T451 or T4
8	Stainless Steel,Type 303SE,QQ-S-763
9	Silicone Rubber, ZZ-R-765, Class IIb.
10	Passivate, MIL-S-5002.
11	Beryllium Copper (Berylco 3325) QQ-C-530, 1/2 H.T.
12	Black Anodize, AMS-2468-1
13	Silver Plate,.0002-.0004,QQ-S-365,Type II,GrA
14	Gold, Plate, MIL-G-45204,Type II, Class 1
15	Gold, Plate, MIL-G-45204, Type II, Class 2
16	Fluorosilicone Rubber, MIL-R-3065.
17	Stainless Steel, Type 302, QQ-W-423, Cond. B
18	Electro-polish (Electro-Glo 300) Passivate, MIL-S-5002

CATALOG NUMBER	A THREAD	B	C	D	E	
MD63-00E9-*-*	11/16-32UN-2A	.562	.812	.669-.673	.693-.697	
MD63-00E12-*-*	7/8-28UN-2A	.750	1.000	.851-.855	.881-.885	C D2
MD63-00E15-*-*	1-28UN-2A	.875	1.125	.975-.979	1.006-1.010	C

NOTES:

1. This is a general specification control drawing and drawing number should not be used for ordering. Orders placed by "Catalog Numbers only."
2. See Catalog for complete ordering information, various layouts, and alternate Plzg. Posn.
3. Connector Catalog Number will be stamped in area indicated.
4. Recommend ordering: Pin Contacts with receptacle connector; socket contacts with plug conn.
5. F X AND Y VALUES OF POLARIZING POSITION ANGLES ARE THE SAME AS MARC 43 AND 53 SERIES.

Tyco Dwg 1-1532147-9
Micro P/N 087-1352-2000

TYPICAL CATALOG NUMBER

MD63	-	00	E	15	-	61	P	-	5
MICRODOT SERIES		HOUSING TYPE	ENVIRONMENTAL	SIZE		LAYOUT	CONTACT TYPE (SEE NOTE 4)		ALT. PLZG. POSITION (IF REQ'D)

LET.	EC.O.	REVISION DESCRIPTION	BY	DATE	APP.
G	16656	ITEM 6 WAS 6,9,16 6-12-73		6-12-73	
F	15313	ADDED NOTE 5 & PROD CODE 986		10-7-74	
E	13351	PICTORIAL CHANGE		7/9/74	
D	12939	⑪ ADDED MAX PANEL; ⑫ MD63-00E12-DIM D WAS .850-.856		4/5/74	
C	12495	MD63-00E12-DIM E WAS .875-.879 MD63-00E15-DIM E WAS .999-1.003		12/4/73	
B	12398	MD63-00E12-DIM C: 1.000 WAS 1.062		11/14/73	
A	12034	RELEASED		7/26/73	

ASSEMBLY NO. REQ'D.
NEXT ASSEMBLIES

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STANDARD TOLERANCES UNLESS OTHERWISE SPECIFIED
DEC. ± .010
FRAC. ± 1/32
ANGLES ± 2°
ECCENTRICITY
MAX. T. I. R.
HOLE DIA. + .002 — .001
COMMERCIAL TOLERANCES APPLY TO STOCK DIMENSIONS

MICRODOT INC.
SOUTH PASADENA, CALIF.

RECEPTACLE, SINGLE HOLE MOUNTING, BAYONET COUPLING '63- SERIES

APP.
APP.
CHECKED BY
DRAWN BY PHIL OSHITA
PROD CODE 986
SCALE —
WT. —
DATE 7/15/70
DRAWING NUMBER 087-1352-2000