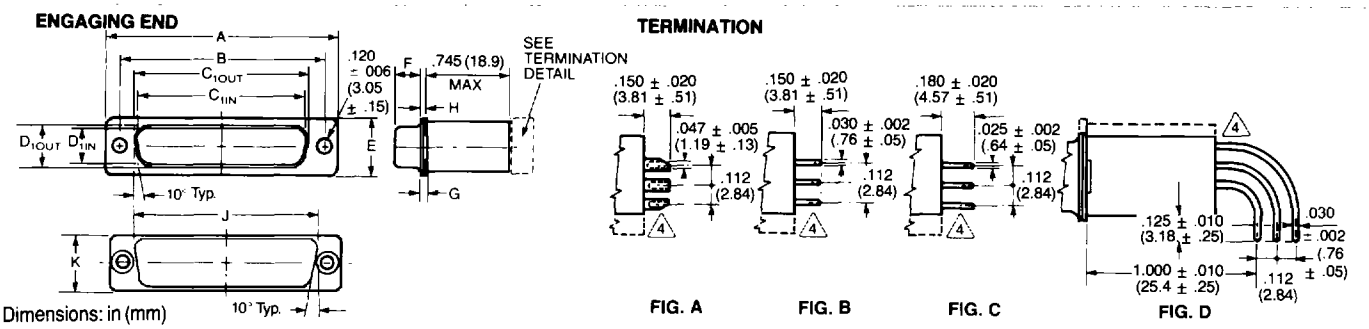
DIMENSIONS: in. (mm)



Dimensions: in (mm)

FIG. A FIG. B FIG. C FIG. D

SOCKET/ ENGAGEMENT	Configuration -XXX1-	No. of Lines	A ±0.15 (.38)	B ±.05 (.13)	C, out ±.005 (.13)	D, out ±.005 (.13)	E ±.015 (.38)	F ±.005 (.13)	G +.015 (3.8) -.010 (.25)	H ±.010 (.25)	J ±.010 (.25)	K ±.010 (2.5)	Insert Arrangement
	1255-128-	9	1.213 (30.8)	.984 (25.0)	.643 (16.3)	.311 (7.9)	.494 (12.5)	.243 (6.2)	.045 (1.1)	.030 (.76)	.790 (20.1)	.456 (11.6)	MS18273-1
	1255-129-	15	1.541 (39.1)	1.312 (33.3)	.971 (24.7)	.311 (7.9)	.494 (12.5)	.243 (6.2)	.045 (1.1)	.030 (.76)	1.105 (28.1)	.456 (11.6)	MS18274-1
	1255-130-	25	2.088 (53.0)	1.852 (47.0)	1.511 (38.4)	.311 (7.9)	.494 (12.5)	.243 (6.2)	.045 (1.1)	.030 (.76)	1.650 (41.9)	.456 (11.6)	MS18275-1
	1255-131-	37	2.729 (69.3)	2.500 (63.5)	2.159 (54.8)	.311 (7.9)	.494 (12.5)	.243 (6.2)	.045 (1.1)	.030 (.76)	2.295 (58.3)	.456 (11.6)	MS18276-1
	1255-132-	50	2.635 (66.9)	2.406 (61.1)	2.064 (52.4)	.423 (10.7)	.605 (15.4)	.243 (6.2)	.045 (1.1)	.030 (.76)	2.205 (56.0)	.570 (14.5)	MS18277-1
PIN/ ENGAGEMENT	**Configuration -XXX1-**	**No. of Lines**	**A ±0.15 (.38)**	**B ±.005 (.13)**	**C, in ±.005 (.13)**	**D, in ±.005 (.13)**	**E ±.015 (.38)**	**F ±.006 (.15)**	**G ±.010 (.25)**	**H ±.010 (.25)**	**J ±.010 (.25)**	**K ±.010 (2.5)**	**Insert Arrangement**
	1255-028-	9	1.213 (30.8)	984 (25.0)	.666 (16.9)	.329 (8.3)	.494 (12.5)	.238 (6.05) .229 (5.8)	.060 (1.5) .035 (.9)	030 (.76)	.790 (20.1)	.456 (11.6)	MS18273-1
	1255-029-	15	1.541 (39.1)	1.312 (33.3)	.994 (25.2)	.329 (8.4)	.494 (12.5)	.238 (6.05) .229 (5.8)	.060 (1.5) .035 (.9)	.030 (.76)	1.105 (28.1)	.456 (11.6)	MS18274-1
	1255-030-	25	2.088 (53.0)	1.852 (47.0)	1.534 (39.0)	.329 (8.4)	.494 (12.5)	.230 (5.8)	.060 (1.5)	.039 (1.0)	1.650 (41.9)	.456 (11.6)	MS18275-1
	1255-031-	37	2.729 (69.3)	2.500 (63.5)	2.182 (55.4)	.329 (8.4)	.494 (12.5)	.230 (5.8)	.060 (1.5)	.039 (1.0)	2.295 (58.3)	.456 (11.6)	MS18276-1
	1255-032-	50	2.635 (66.9)	2.406 (61.1)	2.079 (52.8)	.436 (11.1)	.605 (15.4)	.230 (5.8)	.060 (1.5)	.039 (1.0)	2.205 (56.0)	.570 (14.5)	MS18277-1

NOTES: 1) **Material & Finish**
Front Shell - Steel, Cadmium Plate With Yellow Chromate Finish Per QQ-P-416
Back Shell - Steel, Silver Plate, Per M.E.T.R.P.S. 10011, Para. 3.1.
Contacts - Copper, Alloy, Gold Plate Per MIL-G-45204 Type 1, Grade C.
Terminals - Copper Alloy, Gold Plate Per M.E.T.R.P.S. 10013, Para. 3.6
Insert - Diallyl Phthalate Per MIL-M-14.
(Contact Side) Insulation - Epoxy (Terminal Side)

2) Contacts Are Located Within 0.005 (.13) Dia. True Position Insert Arrangement
3) S-cup Terminals Are Located Within 0.010 (.25) Dia. True Position Of Respective Insert Arrangement PCB and Wire Wrap Terminals Are Located Within 0.005 (.13) Dia. True Position Of Respective Insert Arrangement.
4) In Termination Detail Phantom Lines Represent 50 Line Connector Only.
5) **Marking:** M.E.T.R. Symbol
M.E.T.R. Sales Number (Unless Otherwise Specified By Customer Specification)
Date Code

PART NUMBERING INFORMATION

1255 - 1 30$_1$ - 0021$_2$

"D" Connector
Engagement type
pin, socket (see above)
No. of contacts
9, 15, 25, 37, 50 (see above)

Item Number
Termination type and Cx.
Dissipation Factor: 4% max.
Temperature Range: -55°C to 125°C
Current, DC: 5 amps max.

-XXXX- Item Number						Working Voltage				DCR max.	I.R. GΩ @ WVDC, 120 sec.	D.W.V. (VDC) (Note 1)	Minimum Insertion Loss at No Load 25°C (dB min.)				
SLDR Cup Fig. A	PCB Fig. B	Wire Wrap Fig. C	90° PCB Fig. D	Schem.	Cx min. @ 25°C .1 - 1.0 VRMS 1KHz	WVDC 85°C	WVDC 125°C	WVAC 85°C	WVAC 125°C	MΩ			1 MHz	10 MHz	100 MHz	500 MHz	1 GHz
0001	0021	0041	0081	Pi	100pF	350	200	125	125	8.0	5.0	600	-	-	6	23	34
0002	0022	0042	0082	Pi	300pF	350	200	125	125	8.0	5.0	600	-	1	16	40	51
0003	0023	0043	0083	Pi	1000pF	350	200	125	125	8.0	5.0	600	-	4	33	59	70
0004	0024	0044	0084	Pi	3000pF	200	100	-	-	8.0	1.0	500	-	11	50	76	80
0005	0025	0045	0085	Pi	.01μF	200	100	-	-	8.0	1.0	300	4	27	69	80	80
0006	0026	0046	0086	Pi	.03μF	150	100	-	-	8.0	1.0	300	11	45	80	80	80
0007	0027	0047	0087	C	100pF	350	200	125	125	8.0	5.0	600	-	-	4	16	21
0008	0028	0048	0088	C	300pF	350	200	125	125	8.0	5.0	600	-	-	12	24	30
0009	0029	0049	0089	C	1000pF	350	200	125	125	8.0	5.0	600	-	4	21	34	39
0010	0030	0050	0090	C	3000pF	200	100	-	-	8.0	1.0	500	-	12	30	42	48
0011	0031	0051	0091	C	.01μF	150	100	-	-	8.0	1.0	300	4	21	39	52	57
0012	0032	0052	0092	C	.03μF	150	100	-	-	8.0	1.0	300	12	30	48	60	66
0013	0033	0053	0093	C	.1μF	70	50	-	-	8.0	1.0	140	21	39	57	70	75
0014	0034	0054	0094	Pi	.004μF	200	100	-	-	8.0	1.0	500	1	13	55	80	80
0015	0035	0055	0095	Pi	2000pF 5000	200	100	125	125	7.4	1.0	600	-	8	43	69	80
0016	0036	0056	0096	Pi	500pF	350	200	125	125	7.4	5.0	600	-	2	23	48	59
0017	0037	0057	0097	Pi	1500pF	350	200	125	125	8.0	1.0	600	-	6	39	65	76
0018	0038	0058	0098	C	.05μF	50	28	-	-	8.0	1.0	100	16	34	52	64	70
0020	0040	0060	0100	Pi	.1μF	50	28	-	-	8.0	1.0	100	21	39	57	70	75

Note 1: 1-5 second max. with charge current limit 50 mA