

## ▼ Connection Diagram IEEE 1284 Half Pitch Connector Cable (for Conversion Cable)

For HPF(T)ML-20-20  
GRNTF(T)-E20-M20  
GRPTF-E20-M20

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CN1 Pin No.	Pair Number	Cable Color	Mark	CN2 Pin No.
1	1 Pair	Orange	Black 1	1
11		Orange	Red 1	2
2	2 Pairs	Gray	Black 1	3
12		Gray	Red 1	4
3	3 Pairs	White	Black 1	5
13		White	Red 1	6
4	4 Pairs	Yellow	Black 1	7
14		Yellow	Red 1	8
5	5 Pairs	Pink	Black 1	9
15		Pink	Red 1	10
6	6 Pairs	Orange	Black 2	11
16		Orange	Red 2	12
7	7 Pairs	Gray	Black 2	13
17		Gray	Red 2	14
8	8 Pairs	White	Black 2	15
18		White	Red 2	16
9	9 Pairs	Yellow	Black 2	17
19		Yellow	Red 2	18
10	10 Pairs	Pink	Black 2	19
20		Pink	Red 2	20
Hood	Shield			Lead Wire

For HPF(T)ML-36-40  
MXTML-36-40  
GRNTR(T)-E36-M40  
GRPTF-E36-M40

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CN1 Pin No.	Pair Number	Cable Color	Mark	CN2 Pin No.
1	1 Pair	Orange	Black 1	1
19		Orange	Red 1	2
2	2 Pairs	Gray	Black 1	3
20		Gray	Red 1	4
3	3 Pairs	White	Black 1	5
21		White	Red 1	6
4	4 Pairs	Yellow	Black 1	7
22		Yellow	Red 1	8
5	5 Pairs	Pink	Black 1	9
23		Pink	Red 1	10
6	6 Pairs	Orange	Black 2	11
24		Orange	Red 2	12
7	7 Pairs	Gray	Black 2	13
25		Gray	Red 2	14
8	8 Pairs	White	Black 2	15
26		White	Red 2	16
9	9 Pairs	Yellow	Black 2	17
27		Yellow	Red 2	18
10	10 Pairs	Pink	Black 2	19
28		Pink	Red 2	20
11	11 Pairs	Orange	Black 3	21
29		Orange	Red 3	22
12	12 Pairs	Gray	Black 3	23
30		Gray	Red 3	24
13	13 Pairs	White	Black 3	25
31		White	Red 3	26
14	14 Pairs	Yellow	Black 3	27
32		Yellow	Red 3	28
15	15 Pairs	Pink	Black 3	29
33		Pink	Red 3	30
16	16 Pairs	Orange	Black 4	31
34		Orange	Red 4	32
17	17 Pairs	Gray	Black 4	33
35		Gray	Red 4	34
18	18 Pairs	White	Black 4	35
36		White	Red 4	36
				37
				38
				39
				40
				Lead Wire
Hood	Shield			

HPF(T)ML-50-50/  
For MXTML50-50  
GRNTF(T)-E50-M50  
GRPTF-E50-M50

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CN1 Pin No.	Pair Number	Cable Color	Mark	CN2 Pin No.
1	1 Pair	Orange	Black 1	1
26		Orange	Red 1	2
2	2 Pairs	Gray	Black 1	3
27		Gray	Red 1	4
3	3 Pairs	White	Black 1	5
28		White	Red 1	6
4	4 Pairs	Yellow	Black 1	7
29		Yellow	Red 1	8
5	5 Pairs	Pink	Black 1	9
30		Pink	Red 1	10
6	6 Pairs	Orange	Black 2	11
31		Orange	Red 2	12
7	7 Pairs	Gray	Black 2	13
32		Gray	Red 2	14
8	8 Pairs	White	Black 2	15
33		White	Red 2	16
9	9 Pairs	Yellow	Black 2	17
34		Yellow	Red 2	18
10	10 Pairs	Pink	Black 2	19
35		Pink	Red 2	20
11	11 Pairs	Orange	Black 3	21
36		Orange	Red 3	22
12	12 Pairs	Gray	Black 3	23
37		Gray	Red 3	24
13	13 Pairs	White	Black 3	25
38		White	Red 3	26
14	14 Pairs	Yellow	Black 3	27
39		Yellow	Red 3	28
15	15 Pairs	Pink	Black 3	29
40		Pink	Red 3	30
16	16 Pairs	Orange	Black 4	31
41		Orange	Red 4	32
17	17 Pairs	Gray	Black 4	33
42		Gray	Red 4	34
18	18 Pairs	White	Black 4	35
43		White	Red 4	36
19	19 Pairs	Yellow	Black 4	37
44		Yellow	Red 4	38
20	20 Pairs	Pink	Black 4	39
45		Pink	Red 4	40
21	21 Pairs	Orange	Black continuous	41
46		Orange	Red continuous	42
22	22 Pairs	Gray	Black continuous	43
47		Gray	Red continuous	44
23	23 Pairs	White	Black continuous	45
48		White	Red continuous	46
24	24 Pairs	Yellow	Black continuous	47
49		Yellow	Red continuous	48
25	25 Pairs	Pink	Black continuous	49
50		Pink	Red continuous	50
Hood	Shield			Lead Wire

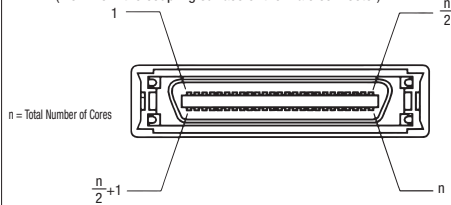
HPF(T)ML-26-26/  
For HPF (T)ML-26-34  
GRNTF(T)-E26-M34  
GRPTF-E26-M34

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CN1 Pin No.	Pair Number	Cable Color	Mark	CN2 Pin No.
1	1 Pair	Orange	Black 1	1
14		Orange	Red 1	2
2	2 Pairs	Gray	Black 1	3
15		Gray	Red 1	4
3	3 Pairs	White	Black 1	5
16		White	Red 1	6
4	4 Pairs	Yellow	Black 1	7
17		Yellow	Red 1	8
5	5 Pairs	Pink	Black 1	9
18		Pink	Red 1	10
6	6 Pairs	Orange	Black 2	11
19		Orange	Red 2	12
7	7 Pairs	Gray	Black 2	13
20		Gray	Red 2	14
8	8 Pairs	White	Black 2	15
21		White	Red 2	16
9	9 Pairs	Yellow	Black 2	17
22		Yellow	Red 2	18
10	10 Pairs	Pink	Black 2	19
23		Pink	Red 2	20
11	11 Pairs	Orange	Black 3	21
24		Orange	Red 3	22
12	12 Pairs	Gray	Black 3	23
25		Gray	Red 3	24
13	13 Pairs	White	Black 3	25
26		White	Red 3	26
Hood	Shield			Lead Wire

\* 27 to 34 of the CN side are not connected for HPF (F) ML26-34

**CN1: IEEE 1284 / 54306 Half-Pitch Connector Pin Arrangement**  
(View from the coupling surface of the male connector)



**CN2: MIL Socket Connector Pin Arrangement**  
(View from the coupling surface of the female connector)

